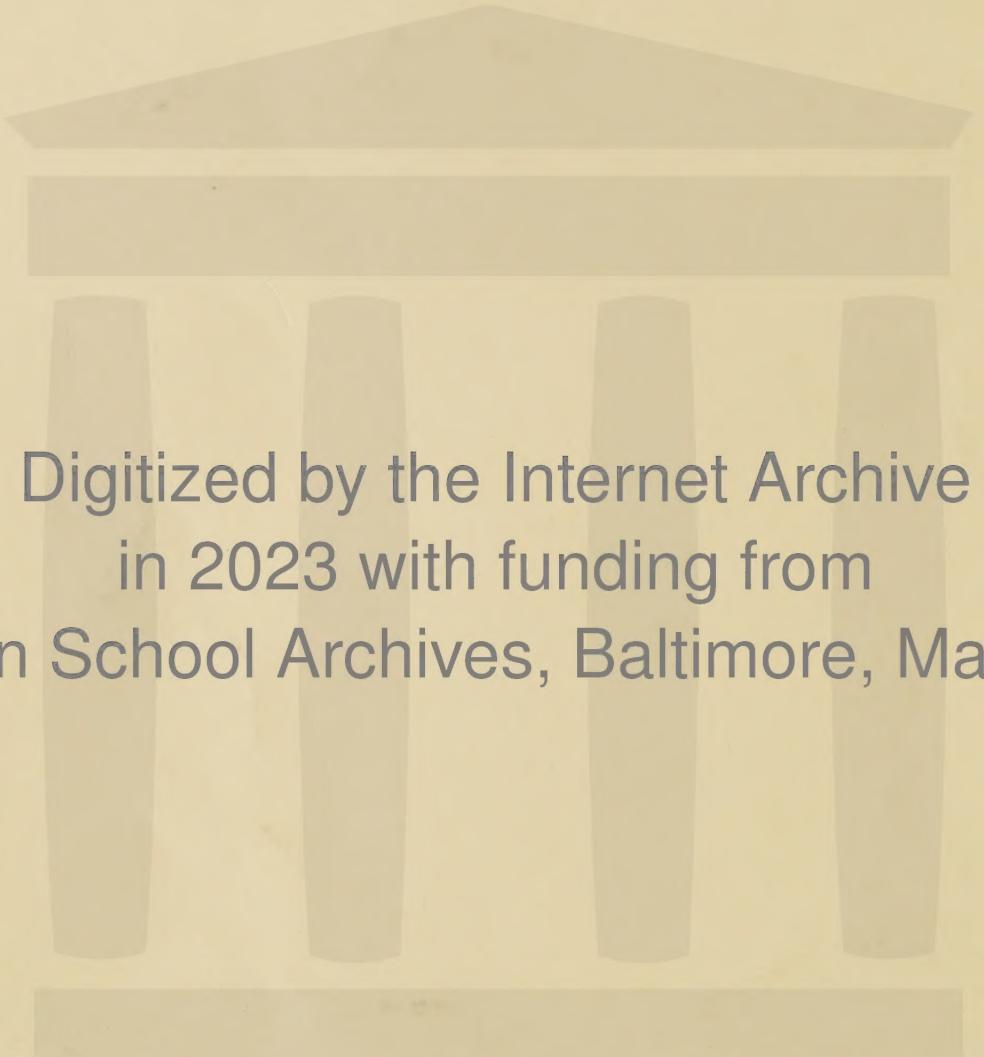


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CATALOG
NO. 151

1952 AUTUMN PLANTING

Index*

62,57



Return Postage Guaranteed

Form 3547 requested.

**KELSEY
NURSERY
SERVICE**

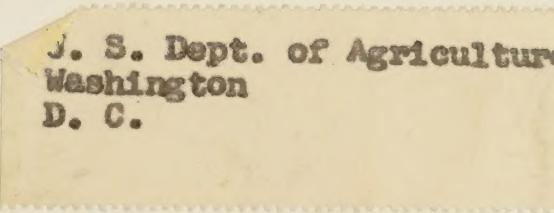
Highlands, N. J.

AFTER 75 YEARS IN NEW YORK CITY
(1878-1952) WE MOVED OUR OFFICES.
THE BETTER TO SERVE OUR CUSTOMERS.

WE HAVE MOVED. Please note change.
75 years ago it was important to be
a center of transportation and com-
munication like New York. Today the
reverse is true. We have long known
we ought to move; last year's increase
of business made it necessary. We
carry on business as usual at 104
Portland Road, Highlands, N. J. (Tele-
phone Highlands 3-1439).

WE OFFER fine nursery stock, mostly
in small sizes, at low prices. We can
do this because we handle the out-
put of more than 30 growers, on in-
expensive land. We sell direct as
principals, never as agents. No one
grower can produce such a complete
list as ours, hence not all parts of a
long assorted order can always be
shipped together.

WE ASK confidently for your order.
We try to be more than fair, always.



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HIGHLANDS, N. J.
Permit No. 2

HOW TO ORDER

Fill in the order form and enclose check. Shipment is made with express charges collected on arrival. You will get a prompt acknowledgement of order indicating approximate shipping time.

Please send items listed below to:

EXPRESS (Best Method)
Pay Express on arrival.

PARCEL POST (4 ft. limit)
I enclose 10% additional for postage and handling.

Enclosed Find \$.....

Charge my account.

Cut along dotted line

Quantity	NAME OF PLANT	Size	Amount

OUR GUARANTEE

We will allow a credit of 50% of the catalog value of any stock that dies the first year. Credit to be used on future orders as you wish.

ORDER NOW — DON'T WAIT

Unlike other things you buy, nursery stock must be ordered in advance—long before the right shipping time. Why? Because our whole year's shipments come in a few months' time and there is never enough help. Shipments are scheduled long in advance. Order now, we will ship at proper time later.

TERMS OF SALE

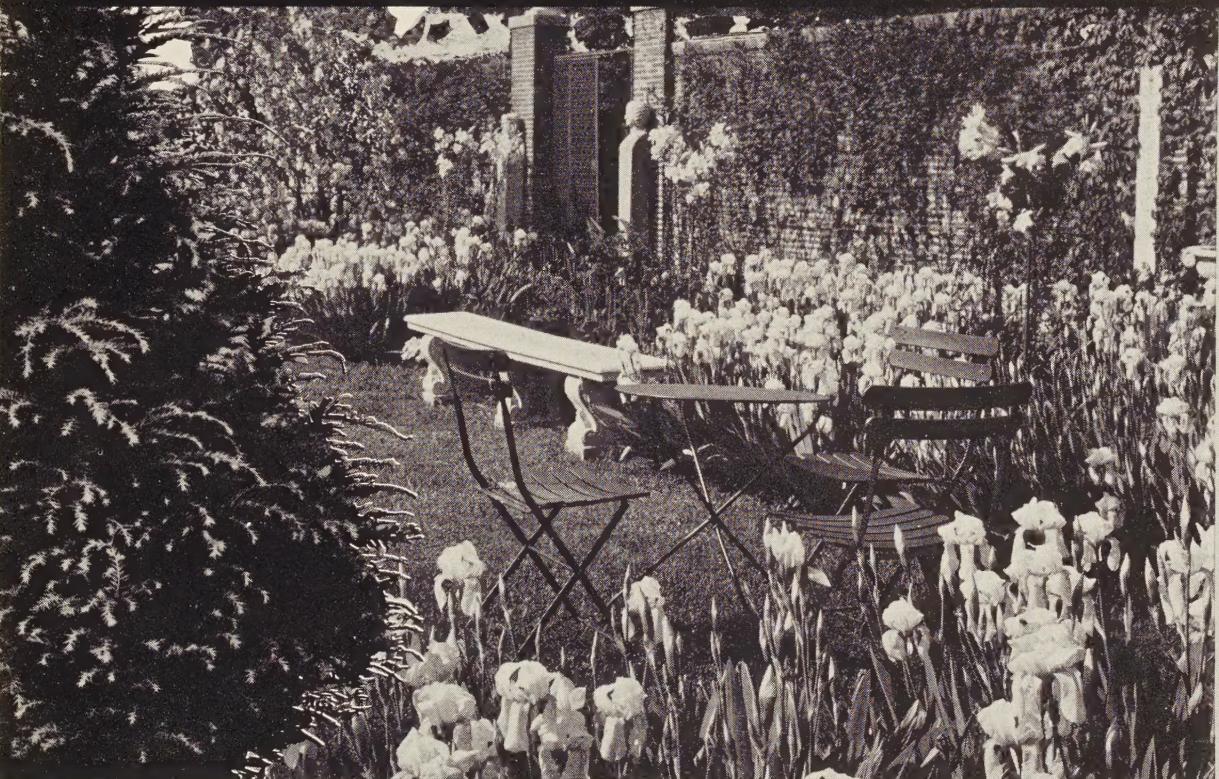
PACKING COSTS — Free if cash accompanies order, except stock dug with a ball of earth. Otherwise, packing is charged at cost (usually 10% of cost of stock). Balled, heavy evergreens: we will estimate costs in advance if you wish.

LIMITED RESPONSIBILITY — We disclaim responsibility for any reason in amounts greater than invoiced.

PRICES — Net at the nursery. Transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate.

CLAIMS for errors, shortages or other causes must be made within 10 days.

1952 AUTUMN PLANTING



THE HOW AND WHY OF BETTER GARDENING

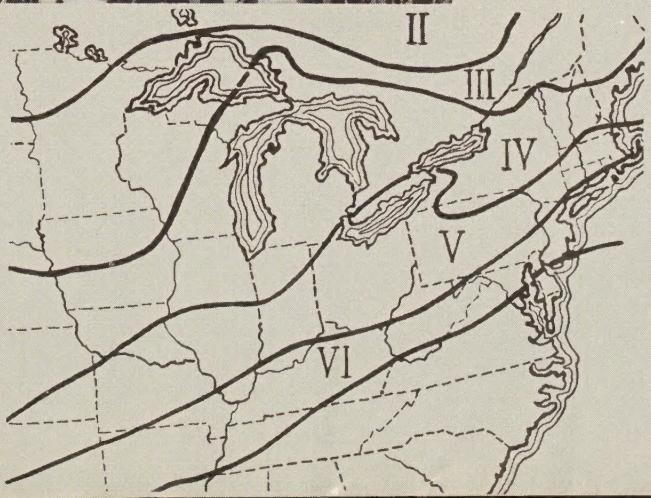
by Laurence Manning

Thousands of gardeners have found this basic book of "more real help than a shelf of cyclopedias." "Very helpful", "exciting as a novel", "certainly no other book exists like it", "unlocks the doors and makes everything simple and understandable".

If you have been confused by the complex rules and instructions in ordinary garden books, you will find here quick, sure enlightenment. Yet expert gardeners, even more than beginners, are writing about this book's surprising usefulness.

Don't deny yourself this small purchase—
"pays for itself ten times over".

\$3.00
postpaid



Contents	Planting	Page
Trees	Oct.-Dec.	6, 14
Evergreens	Sep.-Oct.	4, 6, 12
Shrubs	Oct.-Dec.	7, 16
Broadleafs	Sep.-Oct.	9, 10
Roses	Nov.-Dec.	7, 24
Bulbs	Oct.-Dec.	20
Perennials	Aug.-Oct.	22
Fruit	Oct.-Dec.	17-20
Hedges	Sep.-Oct.	5
Ground Cover	Sep.-Oct.	8

Time of planting is important: Evergreens best from now to early October (they need late Fall for root growth)—deciduous plants from October to frost.

Plants need watering
for autumn root-growth.

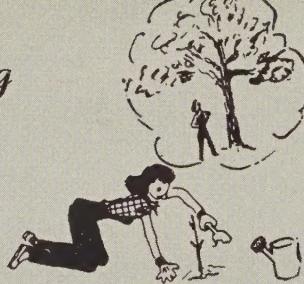
IS IT HARDY IN YOUR GARDEN?

There is a northern limit for every plant, beyond which it cannot live. For practical use the map at the left divides the country into Zones. Each plant description in this Guide has a related Zone limit. Look up your garden on the map and you can select hardy material.

RARE PLANTS Now Young

that will in a few years, with little care, be
\$25 specimens.

BUY ANY FIVE: One of the plants on this
page cannot be sold alone. Minimum order
5. If desired parcel post, add 10%.



Start A HOME NURSERY

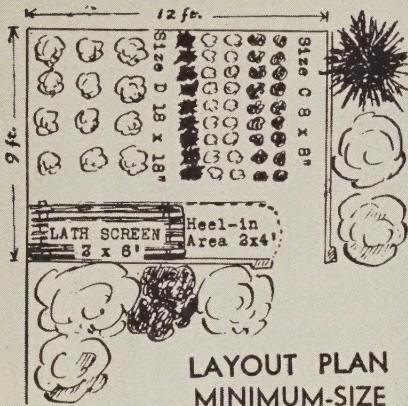
1. Save money and labor
2. Save disappointments
3. Save delays
4. Increase your enjoyment
5. Rare and interesting varieties
6. Culture not difficult.

	(each)
ABELIA grandiflora , 8 in. (pot)	\$1.40
12 to 18 in. (pot).....	1.80
18 to 24 in. (4 in. pot).....	2.50
AZALEA (Ghent and Mollis hybrids)	
— Bouquet de Flore, salmon pink	
— Coccinea speciosa, orange red	
— Nancy Waterer, yellow	
— Pallas, orange vermillion	
— Hort. Witte, bright orange	
— W. E. Gumbleton, yellow, spotted olive	
10 to 15 in. (pots).....	4.90
AZALEA rare and unusual kinds:	
— hinocrimson, evergreen, red dwarf, May.	
— Lorna, evergreen, pink, double, late May.	
— Vuykiana Beethoven, lilac	
— Vuyk, J. Strauss, salmon rose	
— Vuyk, PW Hardyzer, carmine rose	
Any one of 6 above: plant from 2 1/4 in. pots.....	1.25
CHAMAECYPARIS gracilis compacta (pot).....	2.75
— compactanana (dwarf Hinoki) 3 in. (pot).....	2.75
COTONEASTER horizontalis 6 in. (pot).....	1.60
CORNUS kousa chinensis (June) 12 to 15 in. (4" pots)	3.00
FRANKLINIA 9 to 12 in. (pot).....	1.90
FAGUS sylvatica purpurea (Purple Beech)	
12 to 15 in. (3" pot).....	3.00
ILEX opaca (good female) 8 in. (3" pot).....	2.20
12 to 18 in. (pot).....	4.20
— <i>opaca xanthocarpa</i> 2 1/2" pot	1.90
— <i>aquifolium</i> (male) 3" pot.....	1.90
— <i>aquifolium</i> (female) 2 1/2" pot.....	1.40
— <i>crenata convexa</i> 3" pot.....	1.40
— <i>cren. microphylla</i> 3" pot.....	1.60

	(each)
JUNIPERUS pfitzeriana 8 to 10 in. (pot).....	1.60
LAUROCERASUS Schipka (Hardy Laurel)	
6 to 8 in. (pot).....	1.75
10 to 12 in. (pot).....	2.50
LABURNUM vossi 6 to 9 in.....	1.40
MAGNOLIA soulangeana , 12 in. (pot).....	2.90
— <i>stellata</i> (Star Magnolia) 12 in. (pot).....	2.90
— <i>Stell. Waterlily</i> 12 in. (pot).....	2.90
— <i>Rustica rubra</i> 8 to 12 in.....	2.75
— <i>Liliflora</i> 8 to 12 in. (pot).....	2.50
PIERIS japonica 8 to 10 in. B&B.....	2.75
PYRACANTHA Ialandi (Firethorn) 6 in. (pot).....	1.90
12 to 18 in. (4" pot, heavy).....	2.90
18 to 24 in. (4" pot, heavy).....	4.50
RHODODENDRON arbutifolium 6 in. (pot).....	1.75
— hybrids own root 3 in. pots.....	2.60
English Roseum, Roseum Elegans, Roseum Superbum, Parsons Gloriosum, Purpleum Elegans. (Offer: 1 each all 5 kinds \$11.00).	
TAXUS Vermeulen Yew 12 to 15 in. XX.....	2.20
— <i>Kelsey Berrybush</i> Yew 9 to 12 in. XX.....	2.00
TSUGA Sargent Weeping 12 in. (pot).....	3.80
— <i>Pyramidalis</i> (dwarf) 10 in. (pot).....	3.40
VIBURNUM Burkwoodi 6 to 9 in. (pot).....	1.60
WISTARIA multijuga (Japan Long—cluster, purple)	
— <i>Praecox</i> (blue, blooms young, stays dwarf)	
— <i>Alba</i> (fine white)	
— <i>Rosea</i> (rose-pink form)	
— <i>Violacea plena</i> (double purple flowers)	
— <i>Shiro Noda</i> (fringed white)	
Any of above 6 kinds 1 yr. grafts (3" pot).....	1.75
— <i>Praecox</i> only, 2 ft. (4" pots).....	3.00

ALSO LARGER: Here are some larger sizes. You may include them with plants at left to make up 5 minimum; but the shipment then must go express (charges collect).

	(each)
ACER saccharum Monumentale (columnar form of sugar maple) 3 ft. B&B.....	\$10.00
— Palm. atropurpureum (Red Leaf Japan Maple)	
15 to 18 in. B&B.....	7.00
AZALEA Hinodigiri (Red dwarf, May)	
— <i>kaempferi</i> (flame, May)	
— <i>Maxwellii</i> (brilliant red, May)	
— <i>Ledifolia</i> (white, May, evergreen)	
— Hugo Handizer (Red Mollis)	
— Poukhanensis (Purple, May)	
— <i>vaseyi</i> (pink, May)	
Any one of above 4, 10 to 12 in. B&B.....	3.90
— Hinocrimson (red, May) 10 in. B&B.....	5.50
COTONEASTER foveolata (scarlet autumn show)	
2 ft. B&B	3.90
CORNUS florida 3 to 4 ft. B&B.....	3.50
— <i>rubra</i> (pink Dogwood) 1 1/2 to 2 B&B.....	4.75
2 1/2 to 3 ft. B&B.....	7.00
HAMAMELIS japonica . Large, showy, yellow flowers Feb.-Mar., 15 to 18 in. B&B.....	3.90
MAGNOLIA soulangeana . 2 ft. B&B.....	5.90
— <i>stellata</i> 1 1/2 to 2 ft. B&B.....	5.90
— <i>Stell. Waterlily</i> 1 1/2 to 2 ft. B&B.....	6.50
— <i>Speciosa</i> . a dwarf Soulange. 1 1/2 ft. B&B.....	5.90
PIERIS japonica 12 to 15 in. B&B.....	4.90
VIBURNUM fragrans 2 to 2 1/2 ft. B&B.....	5.90



LAYOUT PLAN MINIMUM-SIZE HOME NURSERY

A—Seedlings or Rooted Cuttings

Must be shaded first two years. Planted 2" x 2", lath-house holds 432. After two years, must be transplanted into next grade.

B—Once Transplanted Grade

Grown as above, or bought. (Our 2 yr. and 3 yr. Azaleas, e.g.) Space about 5" x 5" (80 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplants ("XX"), usable as hedge plants, for bedding, etc.

C—Twice Transplanted Grade

Can be moved into open, spaced 9" x 9" (nursery pictured holds 104) and left two years. They are "shaped"; straggly branches lopped off with sharp knife. Cultivate, fertilize, water, no shade needed. After 2 years, they are XXX (three times transplanted), bushy and shapely.

D—Specimens

Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18" x 18" (nursery pictured holds 32).

LIVING FENCES

Many plants can be made into hedges, including the much advertised Rosa multiflora, Privets and barberry (all priced on page 7) but Hemlock and Yew are far the best of all. The XX sizes of hemlock can be put in hedge row—smaller should be bedded two years first.

TSUGA (Hemlock)

Canadensis (Northern Hemlock). 60 ft. Zone III. In forests, a majestic patriarch, but readily sheared to hedge or modest specimen sizes. Humus. Stands shade. The most beautiful native evergreen.

Hemlock Hedge when properly sheared gives a fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1 1/2 feet apart.



The Yew hedge responds to shearing—dense, dark.

(insert) 12 - 15 inch Hemlock newly planted, and
(photo) how it looks 8 years later.



YEW HEDGES

For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

(25) (100) (1000)

TALL HEDGE, 5 to 8 ft. high, 3 to 4 ft. wide **Taxus capitata** (Upright Yew).

12 to 15 in. X.... \$25.00 \$80.00 \$650.00

BROAD HEDGE, 2 to 4 ft. high, 2 to 4 ft. wide **Taxus cuspidata** (Spreading Yew).

10 to 12 in. X.... 15.00 50.00 400.00

8 to 12 in. XX.... 26.00 98.00

12 to 15 in. XXX 37.50 140.00

LOW EDGING, 1 to 3 ft. high, 1 to 3 ft. wide **Taxus nana brevifolia** (Dwarf Yew).

8 to 10 in. X.... 15.00 50.00 400.00

9 to 12 in. XXX.. 43.00 160.00

NARROW TALL, 4 to 6 ft. high, 1 1/2 ft. wide **Taxus vermeulenii**.

9 to 12 in. XX.... 26.00 98.00 850.00

12 to 15 in. XXX 37.50 140.00

Young EVERGREENS in Quantity



ABIES (Fir)	(25)	(100)	(1000)
balsamea, (Balsam Fir).			
For wet land.			
Best for Christmas trees.			
2-4 in S.....	\$8.00	\$60.00	
3-6 in. X.....	20.00	150.00	
Douglas Fir (Pseudotsuga)			
2 yr. S.....	7.00	50.00	
4-7 in. X.....	20.00	150.00	
8-10 in. XX.....	22.00	75.00	600.00

CHAMAECYPARIS (Cypress)			
plumosa (Plumed Cypress)			
4-6 in. X.....	8.00	30.00	200.00
12-15 in. X.....	14.00	60.00	.....
plumosa aurea (Golden Plume)			
4-6 in. X.....	8.00	30.00	250.00
10-12 in. X.....	12.50	45.00	400.00

JUNIPERUS (Junipers)			
depressa plumosa (Andorra Juniper)			
10-12 in. X.....	11.00	40.00	375.00
12-15 in. XX.....	25.00	90.00	750.00
excelsa stricta (Greek Juniper)			
8-10 in. X.....	12.00	40.00	375.00
pfitzeriana (Pfitzer's Juniper)			
4-6 in. X.....	22.00	200.00	
8-10 in. X.....	10.00	35.00	300.00
10-12 in. XX.....	32.50	120.00	950.00
virginiana (Red Cedar)			
4-6 in. S.....	4.00	12.00	75.00
6-9 in. X.....	22.00	200.00	
12-18 in. XX.....	15.00	50.00	400.00

LARIX (Larch) European Larch			
9-12 in. S.....	5.50	20.00	180.00

PICEA (Spruce)	(25)	(100)	(1000)
alba (White Spruce)			
2-yr. S.....	\$7.50	\$50.00	
6-9 in. X.....	5.50	18.00	170.00
12-15 in. XX.....	25.00	85.00	700.00
canadensis (Black Hills Spruce)			
3-yr. S.....	8.00	65.00	
6-9 in. X.....	5.00	18.00	170.00
9-12 in. XX.....	18.00	68.00	550.00
excelsa (Norway Spruce)			
2-yr. S.....	6.00	40.00	
9-12 in. X.....	7.00	20.00	175.00

pungens (Colorado Spruce)	color from blue to green.		
2-yr. S.....	8.00	50.00	
4-6 in. X.....	5.00	18.00	170.00
9-12 in. XX.....	20.00	75.00	650.00

PINUS (Pine)			
mughus (Mugho Pine)			
2-yr. S.....	7.50	50.00	
6-9 in. S.....	4.00	13.00	100.00
2-3 in. X.....	20.00	150.00	
6-8 in. XX.....	25.00	85.00	700.00
nigra (Austrian Pine)			
3-6 in. S.....	3.00	10.00	70.00
6-12 in. X.....	7.00	20.00	150.00
9-12 in. XX.....	13.00	45.00	350.00

ponderosa (Western Yellow)			
3-6 in. S.....	7.50	60.00	
6-8 in. X.....	5.50	18.00	150.00
12-18 in. XX.....	15.00	55.00	450.00
resinosa (Norway Red Pine)			
3-6 in. X.....	4.50	14.00	110.00
12-18 in. XX.....	25.00	80.00	.....

strobos (White Pine)			
Ship into most states.			
3-5 in. S.....	7.00	50.00	
4-6 in. X.....	4.00	13.00	100.00
12-15 in. XX.....	25.00	80.00	700.00
sylvestris (Scotch Pine)			
3-6 in. S.....	8.00	50.00	
6-9 in. X.....	4.00	12.50	110.00
15-18 in. XX.....	28.00	95.00	800.00

THUJA (Arborvitae)

occidentalis (American White Cedar)	(25)	Arborvitae or (100)	(1000)
4-6 in. S.....	\$7.00	\$50.00	
6-10 in. X.....	6.00	20.00	175.00
12-18 in. XX.....	25.00	85.00	700.00

globosa (Globe shaped)			
8-10 in. X.....	10.00	36.00	300.00
9-12 in. XX.....	25.00	85.00	750.00

elegantissima (Golden tipped A.)			
8-10 in. X.....	12.50	40.00	350.00

pyramidalis (Pyramidal A.)			
8-10 in. X.....	8.50	33.00	295.00
12-18 in. XX.....	30.00	110.00	900.00

TAXUS (Yew) See pages 5, 13.

TSUGA (Hemlock) See pages 5, 12.

50 of one kind at 100 rate
300 of one kind at 1000 rate

SYMBOLS USED IN THIS CATALOG

S = seedlings, not transplanted

X = each transplanting

* = young, not yet shapely.
(not used on this page, but elsewhere in the catalog any plant not so marked is shapely landscape grade.)

B&B = Earth ball and burlap.

"Zone" = hardiness, see map on cover.

YOUNG TREES AND SHRUBS

PLANTING — The first thing is to keep the package moist. Only when the planting bed is ready do you open it, and even then remove only one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. The quicker the better — twenty seconds per plant is average.

SOIL should be loose and friable, and absolutely must contain some humus. Add peat moss if necessary.

SHADE must be provided for a newly planted young evergreen. Usually only for the first summer, but very young ones need it for two summers. Deciduous trees, shrubs and vines need none.

WATER is usually critical the first week or two. Soak thoroughly when planting. Then again the next day. After that do not water oftener than once a week. But you can spray the leaves a few seconds at a time if the weather turns warm.

PRUNING is usually essential. Prune freely. Never cut a new plant to the ground, but to a 2 or 3-inch stub is all right. Don't fear to "lose" so much top — in a year you'll get it back... and more, and bushier than if you didn't prune. (Upright growing evergreens, of course, must never have their tops cut — you trim the sides.)

YOUNG SHRUBS

For Mass Planting

CYDONIA (Quince)

Japonica (Flowering Quince)	(25)	(100)	(1000)
*12-18 in.	\$4.50	\$13.50	\$80.00

FORSYTHIA intermedia (Golden-bell)	9 ft. Zone IV. Yellow, April.
*12-18 in. S.....	3.50 9.50 55.00
2-3 ft. X.....	12.00 40.00 300.00

— spectabilis (Showy Forsythia)	(25)	(100)	(1000)
*12-18 in.	4.00 12.00 75.00		
— suspensa (weeping forsythia)	(25)	(100)	(1000)
*12-18 in.	5.00 16.00 100.00		

ILEX verticillata (Winterberry)	(25)	(100)	(1000)
*12-18 in.	4.00 12.00 70.00		

LIGustrum (Privet)	(25)	(100)	(1000)
— amurense (Amur Privet—"North")	12-18 in. X.....	4.00 12.50 85.00	
— ibolium (Hybrid Privet)	12-18 in. X.....	4.50 15.00 90.00	

PHILADELPHUS coronarius (Syringa)	9 ft. Zone IV. White, June, fragrant.
*12-18 in. S.....	4.50 15.00 90.00

RHAMNUS cathartica (Buckthorn)	15 ft. Zone II. Bushy, thorny hedge.
18-24 in. S.....	5.00 15.00 100.00

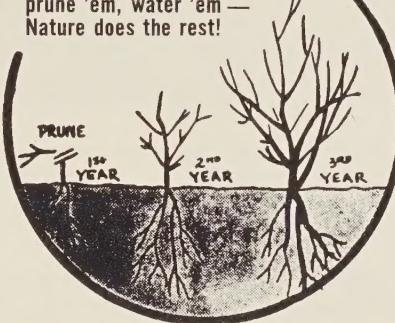
SYRINGA (Lilac) common purple.	(25)	(100)	(1000)
*12-18 in. S.....	5.00 17.50 100.00		

VIBURNUM American (Cranberry)	(25)	(100)	(1000)
*9-12 in. S.....	6.00 22.00 175.00		

— opulus (Europe Cranberry)	(25)	(100)	(1000)
6-10 in.	5.00 15.00 120.00		
— tomentosum (double file)	(25)	(100)	(1000)

*2-in. pot	7.00 25.00
------------------	------------------

It's easy! Plant 'em, prune 'em, water 'em — Nature does the rest!



BERBERIS Thunbergi (Japanese Barberry)
Zone IV. Bush to 5 ft. Red berries.

(25)	(100)	(1000)
*9-12 in. S.....	\$4.50	\$13.50
12-18 in. X.....	\$4.00	8.00 30.00

B. thunbergii Atropurpurea. The same, with purple-red leaves.

*6-9 in. S.....	6.00	20.00
12-15 in. X.....	5.50	12.00 45.00

ROSA MULTIFLORA "FENCE"

No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It does not get out of hand, kept 5 feet high, width 8 feet. (Not for small gardens.)

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting. Mulching is very beneficial — leaves, hay, sawdust, or whatever you have. Effective in three or four years, mature in seven.

(100)	(1000)
8 to 15 in. S.....	\$6.00 \$45.00
18 to 24 in. S.....	9.50 75.00

Young Trees

ACER (Maple)

dasycarpum (Silver Maple)	(25)	(100)	(1000)
*12-18 in.	\$6.00	\$35.00	
*2-3 ft.	3.50	10.00	65.00

platanoides (Norway Maple)	(25)	(100)	(1000)
*8-15 in. S.....	6.50	22.00	160.00

rubrum (Red Maple)	(25)	(100)	(1000)
*18-24 in.	3.50	10.00	65.00

saccharum (Sugar Maple)	(25)	(100)	(1000)
*6-12 in.	7.50	45.00	
*2-3 ft.	4.50	12.00	90.00

BETULA (Birch)	(25)	(100)	(1000)
populifolia (Gray Birch)	2-3 ft.	6.5	20.00 180.00

papyrifera (Paper Birch)	(25)	(100)	(1000)
*12-18 in.	12.50	100.00	
*3-4 ft.	10.00	35.00	250.00

CERCIS (Red Bud)	(25)	(100)	(1000)
*12-18 in.	9.00	50.00	
*2-3 ft.	5.00	15.00	95.00

CORNUS (Flowering Dogwood)	(25)	(100)	(1000)
florida (White Flowering Dogwood)	*6-12 in. S.....	11.00	65.00
*18-24 in. S.....	5.50	18.00	120.00
2-3 ft. X.....	25.00	95.00	.....

FAGUS (Beech)	(25)	(100)	(1000)
ferruginea (American Beech)	*12-18 in.	2.50	7.50 50.00

HICORIA (Hickory)	(25)	(100)	(1000)
ovata (Shagbark Hickory)	*6-12 in. S.....	6.00	20.00 175.00

JUGLANS (Walnut)	(25)	(100)	(1000)
nigra (Black Walnut)	*18-24 in. S.....	12.00	85.00
*2-3 ft.	6.00	18.00	120.00

LIQUIDAMBER (Sweet Gum)	(25)	(100)	(1000)
*12-18 in. S.....	4.00	12.00	75.00

ULMUS (Elm)	(25)	(100)	(1000)
americana (American Elm)	*2-3 ft.	3.00	8.00 60.00

— pumila (Chinese or Siberian Elm)	(25)	(100)	(1000)
*2-3 ft.	4.00	9.00	70.00

LIRIODENDRON (Tulip Tree)

tulipifera	(25)	(100)	(1000)
*12-18 in.	\$5.50	\$40.00	
*3-4 ft.	12.00	90.00	

MORUS (Mulberry)

alba (Russian Mulberry)	(25)	(100)	(1000)
*12-18 in.	6.00	35.00	35.00
*2-3 ft.	5.00	12.00	60.00

POPULUS (Poplar)

nigra italicica (Lombardy Poplar)	(25)	(100)	(1000)
*18-24 in.	3.50	9.50	70.00
*3-4 ft.	6.50	19.00	150.00

QUERCUS (Oak)

alba (White Oak)	(25)	(100)	(1000)
*6-12 in. S.....	3.50	12.00	75.00
palustris (Pin Oak)	(25)	(100)	(1000)

*12-18 in. S.....	6.00	20.00	175.00
*18-24 in.	7.50	28.00	225.00
rubra (Red Oak, Northern)	(25)	(100)	(1000)

*12-18 in. S.....	8.00	26.00	220.00
ROBINIA (Locust)	(25)	(100)	(1000)
pseudacacia (Black Locust)	(25)	(100)	(1000)

12-18 in.	4.00	8.50	50.00
2-3 ft.	3.50	8.50	50.00
SALIX (Willow)—any one kind—	(25)	(100)	(1000)

Wisconsin (Hardy Weeping)	(25)	(100)	(1000)
pentandra (Laurel-leaf)	(25)	(100)	(1000)
Niobe (Golden Weeping)	(25)	(100)	(1000)

2-3 ft.	6.00	20.00	180.00
TILIA (American Linden)	(25)	(100)	(1000)
*2-3 ft. X.....	25.00	85.00	.....

SORBUS (Mountain Ash)	(25)	(100)	(1000)
aucuparia (European Mtn. Ash)	(25)	(100)	(1000)
*12-18 in.	6.50	22.00	190.00

2-3 ft. X.....	16.00	55.00	.....
ULMUS (Elm)	(25)	(100)	(1000)
— americana (American Elm)	(25)	(100)	(1000)

— pumila (Chinese or Siberian Elm)	(25)	(100)	(1000)
*2-3 ft.	4		



Photo: Vinca Minor

FERNS

make fine ground covers
in the shade



Each kind, \$3.60 for 12 — \$25.00 per 100 (express)
Three each any three kinds for \$3.25 postpaid

Cinnamonfern (*Osmunda*). 60 in. Any moist soil.

Christmasfern. 12 in. Dry shade. Evergreen.

Cliff-fern (*Polypody*). 6 in. Evergreen, drain.

Hayscented Fern (*Dunnstaedtia*). 18 in. Tolerant.

Maidenhair (*Adiantum*). Rich, moist, but drained soil. Easily grown. Showy and popular.

Ladyfern (*Athyrium*). 15 in. Shade. Very attractive.

Ostrich Fern (*Pteretis nodulosa*). 36 in. Very tolerant. This makes a delicious, nutritious asparagus substitute. Cut in "fiddle-head" stage, wash well, boil 30 minutes.

VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 18 in. apart. There are blue flowers, showy and cheerful, all spring long and the plant will grow and thrive in any soil including barren sand or clay banks. **Planting** — Clumps come tied compactly. Untie and spread out when planting.

(25) (100) (1000)

Strong clumps \$4.50 \$13.00 \$90.00

plants that cover the ground where grass will not thrive are... LIVING CARPETS

PACHYSANDRA terminalis—Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.

(25) (100) (1000)

Rooted cuttings \$ 9.00 \$ 80.00

Asstd. field-grown \$4.00 13.50 100.00

ROSE wichuriana (Memorial Rose)—Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV. Space 2 ft. apart.

6 to 15 inch, 1 year 4.00 12.00 90.00

HEDERA baltica (Hardy English Ivy)—Fine ground cover, in shade or sun. Does not climb readily. Zone V. Space 1½ ft. apart.

2½ in. pots 7.50 24.00 190.00

3-in. pots 16.00 64.00

LONICERA japonica (Honeysuckle)—Sun or shade. Any soil. Vigorous.

1-yr. light 8.00 35.00

12 to 18 in. X 6.50 18.00 140.00

WILDTHYME (*Thymus Serpyllum*)—A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants 6.00 20.00 150.00

HELIANTHEMUM (Sun-rose)—Is the best for dry, poor soils in sun.

1 yr. (light) 2.75 9.00 80.00

2 yr. 8.50 30.00

PUERARIA thunbergiana (Kudzu)—Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI.

2 yr. X 4.50 14.00 80.00

(10) (25) (100)

HARDY GALAX (*Galax aphylla*)—Huge bronze and green leaves. Moist shade.

Clumps with ball 4.50 8.00 25.00

TRAILING ARBUTUS (*Epigaea repens*)—Waxy pinks, May. Zone II, acid soil, semi-shade. Balled clumps 6.00 10.00 30.00

OCONEE BELLS (*Shortia glacifolia*)—Rarest of all. Zone V.

Clumps 6.00 10.00 30.00

ARCTOSTAPHYLOS uva-ursi (Bearberry)—Low matting evergreen. Best cover for sandy banks—succeeds even on sea-shore. Sun, drain.

Pot-grown 7.00 15.00 55.00



Easy to Plant
and Care for

Native ARISTOCRATS

Plant late Aug. to late Oct. safely.
Soak heavily after planting — and
every 3 days for a month. Mulch
heavily with old leaves.

SIZE 2: AS SMALL AS LOOKS SHAPELY

12 to 15 in. B & B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina	\$14.00	\$35.00	\$122.00
catawbiense	14.00	35.00	122.00
maximum	12.00	27.50	100.00

Kalmia (Mountain Laurel)			
latifolia	12.00	27.50	100.00

Leucothoe (Fetterbush)			
catesbaei	12.00	27.50	100.00

OFFER A: 1 each of above 5 plants for \$9.25 postpaid.

OFFER B: 5 each of above, 25 plants, for \$30. (express about \$5.)

Also Size 2 Azaleas:	(10)	(25)	(100)
calendulacea	\$13.00	\$27.50	\$100.00
arborescens	13.00	27.50	100.00
nudiflora	13.00	27.50	100.00
viscosa	13.00	27.50	100.00

Rhododendron maximum.
White, July (shade), Zone III



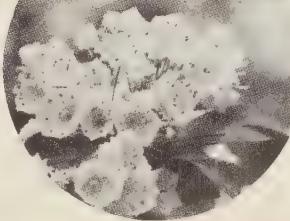
Rhododendron carolina.
Pink, May, Zone V, to 8 feet.



Rhododendron catawbiense.
Purple, June, Zone IV, to 10 ft.



Kalmia latifolia. (Mt. Laurel)
Pink-white, June, Zone III.



Leucothoe Catesbaei.
White, May, Zone V, spreads.



PHOTO: A box of Size 3 Rhododendrons has just arrived.

SIZE 1: AS SMALL AS CAN BE SHIPPED SAFELY.

12 to 15 in. (Ball) Plants—1 Stem.

This special "Young Aristocrat" grade measured 12 to 15 inches with a small ball, weighing one or two pounds only. This stock is not to be compared for a minute with ordinary collected plants. It is on the contrary all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only about 8¢ each (in 100 lots).

Rhododendron	(25)	(100)
maximum	\$10.50	\$37.50
carolina	16.00	58.00
catawbiense	16.00	58.00

Leucothoe		
catesbaei	12.00	42.00

Kalmia (Mountain Laurel)		
latifolia	12.00	42.00

OFFER A: 2 each above, 10 plants for \$9.25 postpaid.

OFFER B: 5 each above, 25 plants \$17.00 (express about \$2.50 on arrival).

Azaleas For Fall

Culture is same as for rhododendrons, but a little more sun. Many other kinds quoted on request.

Kaempferi (Torch Azalea). Zone IV. 8 ft. Red to orange. May. Vigorous, most easily grown Azalea.

*6-8 in. XX 5 for \$7.00, 25 \$25.00
*10-12 in. XX 2 for \$5.75, 10 \$20.00
12-15 in. B&B \$5.00 each, 10 \$40.00

—**Carmen**, large clear rose.

*6-8 in. (pot) 2 for \$4.00, 10 \$10.00
*10-12 in. (pot) 2 for \$5.00, 5 \$9.00
12-15 in. B&B \$6.00 each

—**Othello**, large brick red form of Kaempferi. Very fine.

10-12 in. B&B 2 for \$9.50, 10 \$40.00

New Azalea — HINOCRIMSON (Zone V)

A better, hardier Hinodigiri. Large, crimson-red, clean color, does not fade, (as Hinodigiri does). Fragrant.

AZALEA Maxwellii



Above: — AZALEA HINOCRIMSON. The 3-inch pot grew into the 12-inch specimen in 3 years. There were 463 blooms the 3rd year.

Hexe. Zone V. 3 ft. Compact, evergreen. Crimson, May.

10-12 in. B&B 2 for \$9.50, 10 \$40.00

Maxwellii. Evergreen. 3 ft. Spreads. Carmine in late May. Zone VI. Striking, hardy, evergreen Azalea.

10-12 in. B&B \$5.00 each, 5 \$18.50

Ledifolia (*mucronatum*), Evergreen. 6 ft. Bushy. Acid, humus, loose. White in late May. Zone (V), VI. Also called "Indica alba."

8-10 in. B&B \$4.25 each, 5 \$12.00

10-12 in. B&B \$5.00 each, 5 \$18.50

—**ROSEA** (*Magnifica*). Rose flowers.

*6 in. (pot) 2 for \$5.50, 10 \$15.00

—**LILACINA** (light mauve)

*10 in. (pot) 2 for \$5.50, 10 \$15.00

GABLE HYBRIDS

Hardy Zone V — showy as tender kinds! *2½-inch pot plants, any five of 7 kinds below for \$6.75 postpaid.

LORNA — Bushy, evergreen, double deep salmon rose.

CAROLINE GABLE — Bushy, semi evergreen, 6 ft. Radiant pink. Noticeable at a ¼ mile!

CORSAGE — Dwarf, semi-evergreen; light orchid, showy blooms.

ELIZABETH GABLE — 5 ft. Evergreen. Late May, rose-pink.

MILDRED MAE — Vigorous, evergreen. Lavender, red spots. Early.

ROSEBUD — Very double; pearly pink, just like a little rose.

MARY HAWKINS — 6 ft. double pink.



GHENT and MOLLIS HYBRIDS

These are totally deciduous, but very handsome and showy in bloom. Large flowers in late May. They are hardy in Zone V, several in IV, and enjoy cool moist summers. Further south they grow, but dislike hot summers. A heavy mulch helps keep roots cool and moist. These are the only really choice azaleas in which northern gardeners can excel the south.

Any of the following 8 kinds, plants from 3½-inch pots, ranging from 9 to 15 inches according to growth habit of the different varieties, \$10.00 for 2 (any 10 for \$40.00).

Ghents

Bouquet de Flore — salmon pink.

Coccinea speciosa — orange red.

Daviesi — white and cream.

Gloria Mundi — orange.

Nancy Waterer — yellow.

Pallas — orange vermillion.

Mollis

W. E. Gumbleton — yellow, spotted olive.

Hort. Witte — bright orange.

EVERGREEN SHRUBS

Azaleas, rhododendrons, and others are safely planted with ball in Sept.-Oct. We here select kinds and sizes most suited to fall planting.

Boxwood (Buxus)

Suffruticosa (Dwarf "English"). 6 ft. Zone V. A billowy dense mass of dark green. Small plants used for real box edging. Any soil. Sun or part shade.

*4-6 in. X.....5 for \$2.75, 100 \$40.00
*6-8 in. X.....5 for \$5.00, 100 \$75.00

DAPHNE cneorum (Garland Flowers). 1 ft. Zone IV. Perhaps the finest rock-garden evergreen. Very fragrant rose flowers (large) in May and again in Sept. Needs sun. Spreads. (Each) (10)

6-8 in. B&B.....\$2.00 \$17.50
8-12 in. B&B.....2.75 22.50
12-15 in. B&B.....3.75 30.00

Hollies (Ilex)

Opaca (American Holly). Zone IV. 40 ft. Damp, some shade. Red berries, dull, evergreen leaf. We offer mixed sexes:

(Each)	(10)	(100)
*12-15 in. X.....	\$7.50	\$55.00
2-3 ft. B&B.....	\$5.50	50.00
3-4 ft. B&B.....	7.50	70.00

—Males (for pollen)
3 in. pots.....12.00 85.00

—females (for berries)
3 in. pots.....11.50 80.00

Offer:—2 males, 4 females in 3 inch pot size\$7.50 postpaid

—Crenata (Japanese Holly) Zone V. 18 ft. Evergreen leaf and thickset shape. Tolerant. Slow-growing.

*6-8 in. X.....10 for \$6.00, 100 \$45.00
2 ft. B&B.....\$6.00 each, 10 for \$50.00

—**convexa** (dwarf Japan Holly). Form with shiny gray-green leaves. Not over 4 feet height.

*4-6 in. X.....10 for \$5.00, 100 \$40.00
12-15 in. B&B....\$4.50 ea, 10 for \$40.00



KALMIA—see page 9.

LEUCOTHOE—see page 9.

PIERIS floribunda (Mountain Fetterbush). 3 ft. Zone IV. Evergreen, mound. Upright clusters white in May. Acid, humus, half shade.

*2-4 in. X....10 for \$5.00, 100 for \$40.00
15-18 in. BB....\$7.50 each, 5 for \$30.00

Japonica (Japonica Andromeda). 6 ft. Zone V. Evergreen, upright shrub, with drooping wax-like bells, May. New growth is rosy-wine.

*8 in. X.....5 for \$4.00, 100 \$75.00
12-15 in. B&B....\$5.75 each, 10 for \$47.50

PYRACANTHA Lalandi (Laland Firethorn). Evergreen shrub to 15 ft. Zone V. A fuzz of white in May, then orange-red berries. Drain, lime.

(Each)	(10)	(100)
*3-in. pots	\$9.50	\$75.00
12-18 in. (pot).....	\$3.90	5 for \$14.50
18-24 in. B&B....	\$6.00	50.00

RHODODENDRONS

Evergreen shrubs with fine foliage. Range from dwarfs to giants. Bloom from May to July. Acid, humus, damp, loose.

1. The roots feed at the surface — do not hoe or rake. Plant them properly and thereafter water and mulch as needed.
2. Light shade, airy and open, gives best results. Only certain trees will do. The best are Oaks, Cherries, Magnolias and Birch. Their leaves make the best mulch. Avoid Beech and Maple.
3. Safe planting in Sept. and Oct.

NATIVE RHODODENDRONS

maximum, white July
carolina, pink May
catawba, purple June
See page 9 for prices and descriptions.

HYBRID RHODODENDRON SEEDLINGS

These in every way resemble named hybrids except:—the color of flowers is unpredictable. They are fairly free to bloom, hardly mostly in Zone V. The plants we offer are open field, heavy B&B.

6 in. B&B.....5 for \$10.00, 100 \$150.00
12 in. B&B.....5 for \$20.00, 100 \$300.00

OWN ROOT HYBRIDS

Nice strong plants from 3-inch pots, from 4 to 8 inches high. Can be set out under light shade in Sept., Oct. safely. Available in boxes only as follows, of the 5 kinds listed below:

Any 5 (boxed) for \$11.00
Any 10 (boxed) for \$20.00

- Roseum elegans**. Compact, rose.
- English Roseum**. Pinker rose.
- Roseum superbum**. Soft rose.
- Parsons gloriaeum**. Rose pink.
- Purpureum elegans**. Purple.

YOUNG GRAFTED HYBRIDS

The following are from open field, dug with ball of earth. They have been pinched to make low, shapely branching, thus overcoming the common fault of grafted rhododendrons which is to grow leggy. All hardy Zone VI, and a few extra hardy ones as noted in Zone V.

Caractacus—light crimson. Zone V.

Dr. H. V. Rutgers—rich dark red, compact. Zone V.

Dr. Dresselhuys—fine red. Fast growth.

Prof. Bettex—really good red.

Roseum elegans — bushy rose pink. Zone V.

Ignatius Sargent—light red.

Lady Clermont—rosy scarlet.

Mrs. P. Den Ouden—crimson.

Van der Hoop—Tyrian rose.

Parsons gloriaeum—rose pink.

F. D. Godman—dark red.

Any one of above 11 kinds:—

8-12 in. B&B.....\$5.50 each, 5 for \$20.00
12-15 in. B&B....\$6.50 each, 5 for \$27.50

HARDY EXOTIC SPECIES

Any one kind: \$2.00 each, 5 for \$9.50 postpaid, for 6 to 10 inch X.

—**discolor**. 15 ft. Zone VI. Huge white, June.

—**fortunei**. 12 ft. Zone VI. Large blush, fragrant, May.

—**racemosum**. 4 ft. Zone (V). Small leaved dwarf. Pink, April.



Pfitzer Juniper

Junipers

pfitzeriana Hetzi (Blue Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then blue green. Spreads picturesquely. Stand soot, smoke, and drought in city plantings. Easily grown.

*6 in. X 10 for \$7.50, 25 \$15.00

*9 in. XX 25 for \$25.00, 100 \$90.00

2 ft. B&B \$6.50, 10 \$60., 100 \$550.

— **horizontalis** (Creeping Savin). 2 ft. Zone II. Flat spreading, covers large areas. Green.

*4-6 in. X 10 for \$6.00, 100 \$35.00

*10-12 in. X 25 for \$13.50, 100 \$55.00

12 in. B&B \$3.25, 10 \$27.50, 100

\$250.00

— **h. Bar Harbor**. Famous but scarce. Very dense and neat.

*1-yr. pots 25 for \$7.50, 100 \$50.00

12-18 in. spread (pots) \$5.00, 10 \$40.00

— **virginiana** (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.

*4-8 in. S 25 for \$4.00, 100 \$12.00

*12-18 in. XX 25 for \$15.00, 100 \$50.00

2½-3 ft. B&B \$6.50, 10 \$55.00

Blue Spruce

EVERGREENS IN FALL

All are easily planted in September and October—the Yew is particularly easy even in small sizes. No fertilizer until next spring, but water well once a week to freeze-up and mulch smaller sizes unless already in shady locations.

PICEA (Spruce)

excelsa Gregoriana (Dwarf Spruce). 5 ft. Bushy dwarf.
18-24 in. B&B \$7.50 each, 10 \$70.00

pungens. 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver, as offered here.

*4-6 in. X 25 for \$5.00, 100 \$18.00

*9-12 in. XX 25 for \$20.00, 100 \$75.00

18-24 in. B&B \$5.00 each, 10 \$45.00

Selected Blue

1½-2 ft. B&B \$8.50 each, 5 for \$37.50

KOSTERI (Koster Blue)

MOERHEIMI (Moerheim Blue). Grafted Blue Spruce. Bluest of all.

*1 yr. graft \$3.75 each, 10 for \$30.00

15-18 in. B&B \$11.00 each, 5 for \$47.50



Thuja (Arborvitae)

— **occidentalis** (American Arborvitae). 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

*6-10 in. X 25 for \$6.00, 100 \$20.00

*12-15 in. X 10 for \$9.00, 25 \$20.00

*12-18 in. XX 25 for \$25.00, 100 \$85.00

12-18 in. B&B \$3.75, 10 for \$30.00

— **little gem**. 2 ft. Zone II. Really dwarf

— hugging the ground. Rock-garden plant. Dark Green.

*6-8 in. X 10 for \$7.50, 100 \$60.00

15-18 in. B&B \$4.75 each, 10 \$40.00

— **pyramidalis** (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of American Arborvitae. Formal, narrow hedges.

*12-18 in. XX 25 for \$30.00, 100 \$110.00

18-24 in. B&B \$5.50, 10 for \$50.00

NOTICE THE "XX" SIZES

XX is twice transplanted, 4 to 6 years old. More are offered on page 6. They are practically landscape specimens, except not balled (B&B). They are the only real bargains left in evergreens these days, when B&B sizes cost 10% to 15% just to pack (XX prices include packing); and about 50% for express (XX grades cost about 10% extra for express).

Tsuga (Hemlock)

Canadensis. 60 ft. Stands shade. The most beautiful native evergreen. Zone IV.

(Each) (10) (100)

*8-12 in. S \$ 9.00

*12-15 in. XX 70.00

*18-24 in. XXX \$22.00 160.00

1½-2 ft. B&B. \$5.00 50.00 475.00

2-3 ft. B&B 6.50 60.00 575.00

— **c. sargentii**. 6 ft. Weeping dwarf Hemlock. Rare.

*12-18 in. (pots) \$5.00 ea., 5 for \$19.00

2-2½ ft. B&B \$11.00 each

BARGAIN IN LANDSCAPE SIZE EVERGREENS

4 Bushy Landscape Evergreens packed for \$20.00

One each from Varieties offered below

(or all one kind if you prefer — assort. as you wish)

We have worked out an economical way of packing four evergreens, full landscape grade, bushy, balled and burlapped. You get the benefit if you buy in 4's. All these are 18 to 24 inch, balled (B&B). You pay express on arrival (about \$5.00).

Kelsey (Berrybush) Yew

Spreading Yew

Hemlock (Tsuga Canadensis)

Hicks Yew

Dwarf (nana) Yew

The Yews

TAXUS MEDIA VARIETIES

7 Outstanding Introductions

PYRAMIDALIS (Pyramid Yew) — Narrow, fast growing to 15 feet. Dark green. Sizes A, B, C.

ROBUSTA (Obelisk Yew) — Even faster growth to 20 ft. Otherwise the same. Sizes A, B, C.

PILARIS (Pillar Yew) — Narrower, with short sloping branches. Dark green. To 12 ft. Available in Sizes A and C only.

GRANDIFOLIA (Bigleaf Yew) — Needles are enormous, dark green. Otherwise Pilaris. Sizes A, B, C.

SENTINALIS (Sentinel Yew) — Fantastically narrow, but well leaved. To 12 feet. Sizes A and B only.

STRICTA (Narrowbush) — Slow, to 6 feet. Narrow dwarf, compact vertical growth. Sizes A, B, C.

VERIDIS (Grassgreen Yew) — Same as the Stricta, but bright green all winter. Sizes A and C only.

Size A: 12-15 in. XX, roots in damp moss, Any 2 for \$7.00, 10 \$25.00

Size B: 18-24 in. XX, roots in damp moss, any 2 for \$10.00, 10 \$42.00

Size C: Heavy specimens 3-3½ feet, B&B, \$20.00 each (all prices packed).

T. media Hatfieldi (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.

(Each)	(10)	(100)
*4-6 in. X.....	\$5.00	\$35.00
15-18 in. BB.....	\$6.00	55.00
		500.00

— **T. m. hicksii** (Hick's). 10 ft. Zone IV. Strong, fat upright shrub. Fine hedge. Good berries. (Each) (10) (100)

	(Each)	(10)	(100)
*6-8 in. X.....	\$6.00	\$45.00	
*12-15 in. X.....	10.00	80.00	
*12-15 in. XX.....		120.00	
15-18 in. B&B....	\$6.50	55.00	500.00

— **T. M. Kelseyi** (Berrybush). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere. Propagated from the point of view of its wealth of red berries in autumn. Bears young and grows slowly. A dense, full bush. Needles like the Dwarf Yew.

	(Each)	(10)	(100)
*6-8 in. X.....	\$7.50	\$55.00	
*9-12 in. XX.....	17.00	.....
15-18 in. B&B....	\$7.00	.....	.....

T. Cuspidata capitata (Upright Yew). The natural form. Trees to 4 ft. The best type hedge Yew for most purposes.

	(Each)	(10)	(100)
*6-8 in. X.....	\$6.00	\$45.00	
*12-15 in. X.....		80.00	
*10-12 in. XX.....		140.00	
2 feet B&B....	\$12.00	95.00	.....

— **T. c. vermeulen** (Upright Brevifolia). 12 ft. Zone III. New. Compact and dense. Broad base and narrow top. Beautiful pyramid with more red berries than most. Short needles.

	(Each)	(10)	(100)
*4-6 in. X.....	\$5.50	\$45.00	
*8-10 in. X.....	7.50	60.00	
9-12 in. XX.....	14.00	98.00	
12-15 in. XXX....	20.00	140.00	
15-18 in. B&B....	\$6.00	55.00	500.00
2-3 ft. B&B....	8.50	80.00	750.00

— **T. cuspidata** (Spreading). Commonly offered as "cuspidata." 6 ft. Zone III. A spreading bush.

	(Each)	(10)	(100)
*4-6 in. X.....		\$5.00	\$35.00
*8-12 in. XX.....		12.00	98.00
12-15 in. XXX....		20.00	140.00
12-15 in. B&B....	\$4.75	43.00	400.00
18-24 in. B&B....	7.00	63.00	600.00

— **T. c. nan** ("brevifolia") (Dwarf). 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque. Substitute for Dwarf Boxwood.

	(Each)	(10)	(100)
*4-6 in. X.....		\$5.50	\$30.00
*10-12 in. X.....			50.00
9-12 in. XXX....		20.00	140.00
9-12 in. B&B....	\$4.75	42.00	350.00
12-15 in. B&B....	6.50	60.00	.....

Collection Dwarf Yew

For varied foundation or garden planting. All 8 to 10 inch transplanted, heavy little trees. Roots packed in damp moss. Four different named kinds, our selection, but all low-growing. (Such as nana, Hilli, Hicks, Vermeulen, etc.)

2 each (8 plants) for \$9.50 postpaid.
5 each (20 plants) for \$16.50 postpaid



FLOWERING TREES

Fall planting of these beautiful trees is safe and easy. Failures are seldom reported, except in beech and some magnolias, which we offer seldom reported, except in beech and some magnolias, which we offer

ACER palmatum atropurpureum (Red-Leaved Maple). 10 ft., Wine-red leaves. Bushy, compact. Any sheltered soil. In time, becomes an open tree-like shrub. Zone V.

1-1½ ft. BB\$7.50, 5 for \$35.00

CERCIS canadensis (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade. *12-in. S25 for \$3.00, 100 \$9.00
*2-3 ft. X5 for \$7.00, 100 \$72.50
5-6 ft.\$3.00 (5 for \$12.50)

Flowering Dogwood (C. Florida)



CORNUS florida (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight than a group in bloom.

*12 in.25 for \$6.00, 100 \$18.00
2 ft.5 for \$7.00, 25 \$25.00
3-4 ft.\$2.75 each (5 for \$10.00)
4-6 ft.5 for \$12.50, 25 \$45.00

— **fl. rubra** (Pink Flowering). Pink flowers. No real red is known, but the clear pink is a beautiful tone. Plant in with white for best effect.

*12 in. grafts. 5 for \$12.00, 100 \$180.00
2½-3 ft.\$7.50 each, 5 for \$27.50

— **kousa** (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June and more tolerant. Bushier.

*6-12 in. S10 for \$4.00, 100 \$28.00
1 to 2 ft. X\$2.50, 10 for \$20.00

CRATAEGUS cordata (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

2-3 ft. X\$2.00, 10 \$15.00, 100 \$125.00

— **splendens**. (Paul Scarlet Hawthorne). Form with showy red flowers. Red berries. Prefers sun, lime, and heavy soil—even clay. In light soils, manure.

*1½ ft. X5 for \$9.00, 25 \$35.00
3-4 ft.\$3.50, 10 for \$27.50



Paul's Scarlet Hawthorne

PRUNUS kwanzan (Double, dark pink Japanese Cherry). May. Zone V. Popular and beautiful.

3-4 ft.\$4.75 (5 for \$22.50)

SORBUS aucuparia (European Rowan Tree). 30 ft. Zone II. Clusters of orange, in August. Showy.

*2-3 ft. X5 for \$7.50 (100 \$60.00)
5-6 ft.\$4.00, 10 for \$30.00

SEVEN RARE TREES

FRANKLINIA ALATAMAHIA

Ben Franklin's Tree

35 ft. Zone V. Large white and yellow blooms fragrant from August to frost. Damp, acid, humus, blooms best in sun. An extraordinary native.

Leaves bright red in autumn — while white flowers still open. The only flowering tree that blooms in late fall. Unlike most trees, small sizes need more "nursing" than larger. (Each) (10)

18-24 in. ....	.....	\$30.00	
2-3 ft. ....	.....	\$5.00	35.00
3-4 ft. ....	.....	7.00	60.00
5-6 ft. ....	.....	12.00	110.00

LABURNUM vossii (Hybrid Golden Chain). 35 ft. Zone V. Hardier and freer to bloom. A clearer yellow color. Lime. Bright green stems in winter.

4-5 ft.\$4.00 each, 5 for \$15.00

TAXODIUM distichum (Bald Cypress) — 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant. 4 ft.

*2-3 ft.\$2.50 each, 10 for \$20.00
4-5 ft. X\$5.00 each, 5 for \$20.00

MAGNOLIA macrophylla (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.

*6-12 in. S2 for \$1.90 postpaid
(5 for \$4.00)

PAULOWNIA tomentosa (Empress Tree). Large violet blooms early May, before leaves. 40 ft. Zone VI. Often winter damaged, but fragrant and beautiful.

*6-12 in. S2 for \$1.90 postpaid
(5 for \$4.00)

PSEUDOLARIX (Golden Larch). 100 ft. Zone V. Rare, beautiful. Feathery leaves turn golden before they fall. Acid.

*8-15 in. S2 for \$1.90 postpaid
(5 for \$4.00)

PTEROSTYRAX hispida (Epaulette Tree). 40 ft. Zone V. Exceedingly rare and handsome. Large hanging panicles of creamy white fragrant flowers, June. Tolerant. (Only small plants available. Plant in corner of garden for a year's nursing.)

*6-12 in. S2 for \$1.90 postpaid
(5 for \$4.00)

MALUS-Flowering Crabs

Vigorous, hardy, and breathtaking. These small trees in season are masses of bloom.

Zone III to V. Easy to grow. Showy in May. Any one kind.

*1½-2 ft.5 for \$7.50 (25 for \$35.00)
4-6 ft.\$3.75 each (10 for \$30.00)

Eleyi. 20 ft. Red flower and leaf.

Floribunda. 18 ft. Pink, opens white.

Flor. purpurea, purple leaf form.

Theifera. 15 ft. Pink to white.

Matthews. 20 ft. Pink bloom, large fruit.

Micromalus (Midget Crab). 12 ft. Dense upright growth. Lark pink blooms.

Lemoine. 18 ft. Dark pink blooms, red fruit.

And in 1½-2 ft. size only:—

Bechtel. 20 ft. Fragrant, pink, late.

Sargentii. 6 ft. Dwarf, late, white.

Atrosanguinea. 20 ft. Deep red.

Two Rare Beeches

FAGUS purpurea (purple Beech). Reddish-purple leaves all summer. 50 ft. Zone V. Handsome.

*12-15 in. (pot)....\$4.00 ea. (5 for \$15.00)
2-3 ft. B&B.....\$11.00 ea. (5 for \$50.00)

— **tricolor.** Each leaf is streaked purple, white and green. Very unusual and boldly handsome. Zone V. An extremely rare form.

2-3 ft. B&B.....\$11.00 each (5 for \$50.00)

MAGNOLIA glauca (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Very fragrant.

*12 in.5 for \$5.00, 100 \$75.00
3-4 ft. B&B.....\$5.50 each, 5 for \$25.00

— **soulangeana** (Saucer Magnolia). 20 ft. Zone V. Late April show of large pink blossoms, white inside.

*12 in. (pot)....5 for \$14.50, 25 \$55.00
2-2½ ft. B&B.....\$7.00, 5 for \$30.00

— **lennei.** Large red form.

2-2½ ft. B&B.....\$7.50, 5 for \$32.50

MAGNOLIA stellata (Star Magnolia). 12 ft. Shrubby. Zone V. Early April sees ribbony, white, fragrant blooms.

*12 in. (pot)....\$4.00 each, 5 for \$14.50
*18 in. (pot)....\$5.50 each, 5 for \$22.50
18-24 in. B&B....\$7.00 each, 5 for \$29.50

— **waterlily.** New, hardier, pink-tipped form. Each branch tip has double blooms in late April. Bushy growth. Utterly beautiful.

*6-12 in. X.....5 for \$12.00
*12 in. (pot)....\$4.00 each, 5 for \$14.50
18-24 in. B&B....\$8.00 each, 5 for \$32.50

BARGAINS IN YOUNG TREES

All the kinds below in the special sizes offered will succeed fully as well planted in Oct.-Dec. as in spring and they will grow 50% better next summer! Only exceptions are the Birch and Beech, which add perhaps 10% to transplanting risk by fall planting in sizes offered.

5 of one kind at 10 rate, 50 at 100 rate.

		(10)	(100)		
AGER (Maple)				POPLAR <i>Carolina</i>	.....4-5 ft. \$10.00 \$ 85.00
<i>rubrum</i> (Red Maple)	.....4-6 ft.	\$15.00	\$125.00	<i>Lombardy</i>	.....5-6 ft. 6.50 55.00
	.....6-8 ft.	18.00	150.00	<i>Bolleana</i>	.....4-5 ft. 11.00 95.00
saccharum (Sugar Maple)	.....4-6 ft.	14.00	125.00	QUERCUS (Oak)	
	.....6-8 ft.	20.00	180.00	<i>Palustris</i> (Pin Oak)	.....5-6 ft. 25.00 160.00
BETULA <i>alba</i> (White Birch)	.....2-3 ft.	8.00	60.00	<i>Borealis</i> (rubra) Red Oak	.....5-6 ft. 25.00 160.00
<i>populifolia</i> (Gray)	.....4-6 ft.	15.00	95.00	SALIX (Willow)	
<i>papyrifera</i> (paper)	.....4-5 ft.	18.00	125.00	<i>Babylonica</i> (Weeping)	.....4-5 ft. 9.50 85.00
CORNUS <i>florida</i> (dogwood)	.....4-6 ft.	22.50	180.00	<i>Wisconsin</i> (Hardy Wpg.)	.....4-5 ft. 9.50 85.00
JUGLANS <i>nigra</i> (Walnut)	.....4-5 ft.	11.00	80.00	<i>Golden Weeping</i> (Niobe)	.....4-5 ft. 9.50 85.00
<i>cinerea</i> (Butternut)	.....4-5 ft.	15.00	125.00	<i>Golden Willow</i>	.....4-5 ft. 9.50 85.00
LIQUIDAMBER (Sweet Gum)	.....4-5 ft.	14.00	120.00	<i>Laurel-leaf</i>	.....4-5 ft. 9.50 85.00
LIRIODENDRON (Tulip)	.....4-5 ft.	12.50	95.00	SORBUS (Mountain Ash)	.....4-5 ft. 19.00 175.00
PLATANUS (Amer. Sycamore)	.....4-5 ft.	12.50	95.00	TILIA (American Linden)	.....4-5 ft. 15.00 120.00
	.....6-8 ft.	22.50	175.00	ULMUS (American Elm)	.....5-6 ft. 18.00 145.00
				<i>pumilia</i> (Siberian)	.....5-6 ft. 15.00 130.00

The rare Franklinia



Deciduous Shrubs

Move safely and easily after dormancy (Oct. to Dec.). Need no attention but watering and pruning back.



Amelanchier

AMELANCHIER Canadensis. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in early July.

*12 in. S 25 for \$5.00, 100 \$17.00
2-3 ft. \$1.75 each, 10 for \$14.00
5-6 ft. \$5.50 each, 10 for \$45.00

CITRUS trifoliata (Hardy Orange). 15 ft. Zone V. White, April. Fragrant yellow 2-inch fruit Sept.

3-4 ft. \$1.75 each, 10 for \$16.00
4-5 ft. \$2.25, 10 \$20.00, 100 \$150.00

CHAENOMELES japonica (Japanese Quince). 6 ft. Zone IV. Sun. Bushy dwarf. Scarlet flowers in April. A tolerant ornamental shrub. Slow growth. Can be kept pruned.

*12 in. S 25 \$4.50, 100 \$13.50
2-3 ft. \$1.50, 10 \$11.00, 100 \$90.00

CLETHRA alnifolia Rosea. 7 ft. Zone IV. Pink fragrant spikes. Vary from July to August. Acid soil. Rare form.

*12 in. (pot) 5 for \$9.50, 100 \$125.00
2-3 ft. \$3.25 each, 10 for \$28.00

CYTISUS scoparius (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom.

*12-18 in. S 10 for \$3.50, 100 \$20.00
3-inch pots \$2.25, 10 for \$15.00

— *praecox* (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.

3-in. pots \$2.25, 10 for \$15.00
4-in. pots \$3.00, 10 for \$22.50

EUONYMUS alatus (Winged Euonymus). 8 ft. Zone III. Pink-Crimson autumn leaves. Very showy.

*8-in. (pot) 10 for \$5.50, 100 \$40.00
2-3 ft. \$3.00 each, 10 for \$25.00

— *compacta*. Dense dwarf form.

*6-in. (pot) 10 for \$6.50, 100 \$50.00

FORSYTHIA Spring Glory. A new pale yellow hybrid; very showy, hardy.

1½-2 ft. \$1.25, 10 \$7.50, 100 \$60.00

HAMAMELIS mollis (Chinese Witch-hazel). Very showy yellow. Feb. and March. 20 ft. Zone V. (grafts)

18-24 in. \$6.00 each, 5 for \$25.00

ILEX verticillata (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries all winter. A show.

3-4 ft. \$1.90, 10 \$15.00, 100 \$125.00

MYRICA carolinensis (Bayberry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

6-12 in. 10 for \$6.00, 100 \$40.00
12-18 in. \$2.75 each, 10 for \$20.00

NEVIUSA alabamensis (Snow Wreath). 5 ft. Zone V. Showy white, odd blooms in masses, June. Drain.

18-24 in. \$2.00, 10 for \$12.50

PHILADELPHUS Virginal. 8 ft. Double, fragrant, translucent white blossoms load the bush in June. Then more sparsely through summer. Zone V.
1½-2 ft. \$1.10, 10 \$9.50, 100 \$80.00
4-5 ft. \$2.25 each, 10 for \$19.00

SYRINGA *Lilacs*

All tolerant, but need extra lime.

NAMED FRENCH LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts — 10.0 would be perfect. Lilac colors are impossible to describe — notes below are mere indications.

Any 5 below 18-24 inch for \$8.50—post-paid. (25 for \$30.00)

Hugo Koster (5.9) — S. Lilac.

Leon Gambetta. (7.3) — D. Lilac.

Mrs. Ed. Harding (7.9) — D. Red.

Pres. Lincoln (7.8) — S. Clear Blue.

Horstenstein (7.4) — D. Red.

Jan van Tol (7.5) — S. White.

Pres. Grevy (6.9) — D. Bluish.

Ellen Wilmott (8.0) — D. White.

K. Havemeyer (7.3) — D. Pinkish.

Ludwig Spaeth (7.8) — S. Purple.

Eduard Andre (5.2) — D. Pink.

Mme. Buchner (7.6) — D. Pink.

Mar. Lannes (7.8) — D. Violet.

VIBURNUM burkwoodi. 5 ft. Zone V. New hybrid, with fragrant pink blooms in May, borne young. Superior to Carlesii though similar. Half evergreen.

*12-in. X 5 for \$6.00, 100 \$85.00
18-24 in. \$3.50 each, 10 for \$25.00

tomentosum (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June. Neat.

*2-in. pots 25 for \$7.00, 100 \$25.00
2-3 ft. \$1.35, 10 \$12.00, 100 \$95.00

tom. plicatum (Japan Snowball). Form without fruit, but showier bloom.

1½-2 ft. \$1.35, 10 \$12.00, 100 \$95.00



vulgaris (Old-fashioned Lilac). 15 ft. Zone III. Spreads by suckers to huge clumps. Purple, May. Fragrant.

*12 in. S 25 for \$5.00, 100 \$17.50
3-4 ft. \$1.95, 10 \$13.50, 100 \$110.00

5-6 ft. \$3.50, 10 \$25.00, 100 \$210.00

v. alba. White form of above.

3-4 ft. \$2.50, 10 \$19.00, 100 \$150.00

FRUITS and NUTS

All can be planted in Oct.-Nov., almost a year gained over next Spring and identical success. A sod mulch helps. Plant fruits the same as you would any other deciduous trees and shrubs.

Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 10-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 inches.)

Why Wait? Plant Some NOW!

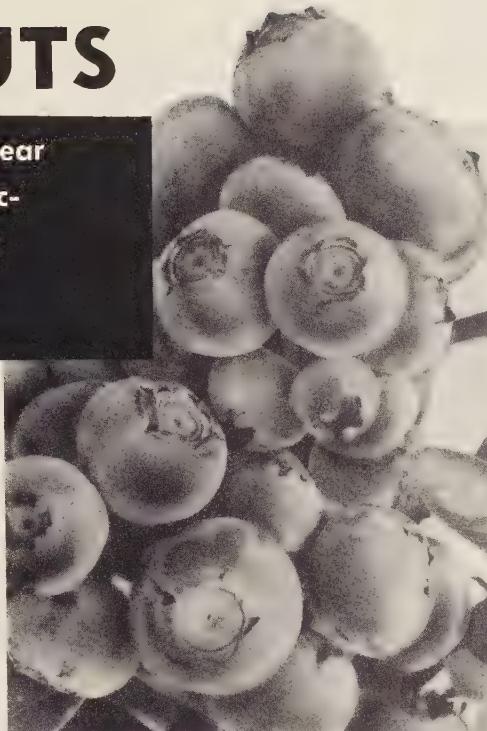
And enjoy the berries sooner. Not only will they add beauty to your garden but each bush will pay for itself many times over! Hardy throughout U.S.A.

BLUEBERRY PRICES

	(Each)	(10)	(25)
NAMED KINDS	2 yr., 6 to 12 in.....	\$ 7.00	\$15.00
	3 yr., 12 to 18 in.....	1.25	8.50
MIXED:	3 yr., 18 to 24 in.....	1.75	12.50
	4 yr., 2 to 3 ft. (bearing).....	2.00	15.00
	18 to 24 in. (our selection).....	11.00	20.00

Set the plants in beds 4 feet apart each way. Several varieties should be included in every planting, as an exchange of pollen is necessary to produce good crops of berries. Or order "mixed" if you wish—we will assort for good pollination. **All varieties are almost equally fine.**

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture, and good drainage so that the roots can get air during the growing season.



BLACK WALNUTS — Zone IV.

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year.

Thomas is a rapid-growing tree. The meat is attractive and tasty, falls out easily in halves.

4 to 5 feet.....\$4.00 each, 5 for \$15.00

BLIGHT-RESISTANT CHESTNUTS

Chinese Chestnut (*Castanea mollissima*). Similar to the dying American, of fine flavor, and sweet. It is inured to the Chestnut blight. Lives and bears Zone V.

1½ to 2 feet.....3 for \$5.50, 10 for \$13.50

3 to 4 feet.....3 for 9.50, 10 for 30.00

Unusual Fruits

BEACH PLUM

Prunus maritima grows 6 to 8 ft. high, hardy into Zone III. Thrives in gardens better than on sea-shores. Good drainage. Fine, useful plums.

1½ to 2 feet.....\$1.95 each, 10 for \$15.00

ADAMS ELDERBERRY

The large berries and extra fruit clusters are a decided improvement for pies, jam and wine. Zone IV.

2 feet\$1.25 each, 10 for \$8.00

NEW AMERICAN MULBERRY

Ever-bearing, from June until September. Large, refreshing berries without the mawkish sweetness of most varieties. Zone IV.

4-5 ft. trees.....\$3.00 each, 10 for \$25.00

Dwarf Fruits

A tree whose fruit is as large or larger than ordinary, but which never grows very tall — perhaps ultimately 12 to 15 feet. Space 12 feet apart.

A dwarfed tree can be sprayed, pruned and picked by hand without ladders, equipment or professional skill. It bears much earlier in life, in its third or fourth year at latest — often earlier — and carries amazing loads of fruit. Dwarfed fruits (especially Plums and Peach) are less liable to borers and other pests.

PRICES: All kinds listed below:

1 year—Not branched	\$2.60	Add 50¢ packing on orders under \$10
2 year—Branched	3.90	
3 year—Heavier	5.25	

All three ages are about the same height. Most are 3 to 4 feet high, but apples often are still dwarfer. If extra dwarf apples wanted, specify Malling 9.



Planting Depth should be so that the graft is just above the ground, or an inch above. If too deep the scion develops its own roots and tree is no longer dwarf. If too high, rootstock suckers.

Staking is usual, as dwarfs are weak at the graft. We use extra strong W-graft, so stakes can be removed about 5th year.

Drainage. Air among the roots is essential; enables a tree to use food. Drainage must always be good in an orchard.

Pruning. The more leaves left on a tree, the likelier it is to bear next year. But let no parallel branches lie closer than a foot apart, and prune cherries heavily.

Watering. The supply of water determines growth and fruitfulness — particularly in summer. Artificial watering is all right, so a meager water-supply can be eked out by cultivation or mulching.

Fertilizing. Overfeeding prevents flowers (hence fruit) by forcing all buds to be leaf buds. Feed just enough for health.



Dwarf McIntosh Apple

PEARS (Pyrus) Zone IV.

Dwarf: Space 12 ft., bear 3rd yr.
Standard: Space 20 ft., bear 6th yr.

- **Bartlett.** Large, rich, juicy, golden. Canning, eating. Early Sept.
- **Beurre Bosc.** Very large, rich, juicy. Late Sept.-Nov. Eating.
- **Duchess d'Angouleme.** Extra large, greenish yellow, spotted. Excellent. Long-lived. Young bearer.
- **Clapp Favorite. (P)** Fruit large, pale, fine-grained, juicy. August.
- **Seckel.** Small, attractive Blight-resistant. Sept.-Oct. Eating, pickles.
- **Gorham.** A Bartlett, 3 weeks later.
- **Anjou.** Large yellow. Tender, very juicy, spicy, rich. Eating. October.

PLUMS (Prunus) Zone III.

Dwarf: Space 12 ft., bear 3rd yr.

Standard: Space 20 ft., bear 5th yr.

Trifloras and European varieties do not cross-pollinate.

TRIFLORAS (P. Salicina)

- **Abundance.** Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.
- **Burbank.** Red, medium sized. Flesh yellow, very juicy. Late Aug.
- **Santa Rosa.** Large juicy red. Aug.
- **Formosa.** Large yellow. Sept.

EUROPEAN (P. domestica)

German Prune. Large dark blue. Aug.

- **Lombard.** Medium-size, juicy, dark red. A hardy, prolific bearer. Sept.
- **Reine Claude (Bavay's Green Gage).** Large, yellow. Late Sept.
- **Stanley.** Large dark blue prune. Annual bearer. Late Sept.
- **Damson.** Small, purple. Cooking. Sept.
- **Shiro.** Gold, juicy. August.
- **Bradshaw.** Large dark violet. Annual bearer. Delicious quality. Sept.

CHERRIES (*Prunus*)

Need extra heavy pruning when planted. Standards: Space 20 ft., bear 5th year. Dwarfs: Space 12 ft., bear 3rd year.

SOUR (*P. Avium*) Zone IV.

Early Richmond. Clear red, medium sized. June. One of the best.

Montmorency. Largest, firm flesh. Disease resistant. Finest quality. June.

English Morello. Best late variety. Mid-July. Tart, large, red.

SWEET (*P. cerasus*) Zone V.

• **Black Tartarian.** (P — best.) Purplish black. Juicy, rich flavor. June.

• **Windsor** ("Black Oxheart"). Large, dark, juicy, firm. Late July.

• **Napoleon** ("White Oxheart"). Rich, sweet yellow. Late June.

• **Schmidt Bigereau.** Huge black. Delicious. Early July.

PEACH (*Prunus*) Zone V.

Needs annual pruning of excess branches.

Standard: Space 16 ft., bear 3rd year. Dwarf: Space 10 ft., bear 2nd year.

Belle of Georgia. White, rich flavor. Vigorous, productive. Sept. Extra hardy.

Champion. White, firm, sweet, juicy, thin-skinned. Extra hardy. Eating, cooking, canning. Sept.

Elberta. Yellow. Fruit large, firm, and excellent for canning. Sept. 15.

Early Elberta. Similar, but a week earlier.

Golden Jubilee. Yellow. Aug. Extra hardy. Juicy, sweet, yellow flesh.

• **J. H. Hale.** Yellow, large, firm. Not vigorous but very delicious. Sept.

Valiant. Yellow, extra hardy. Late August. Large, good fruit.

• **Hale Haven.** A marvelous large yellow peach. Hardy. Delicious flavor. Early Sept.

APRICOT (*Prunus*) Zone V.

Standard: Space 18 ft., bear 4th year.

Dwarf: Space 10 ft., bear 3rd year.

• **Moorpark.** Large, yellow, red cheek. August.

• **Early Golden.** Fine flavor, medium large, fuzzless, pale orange.

QUINCE (*Cydonia*) Zone IV.

Standard: Space 16 ft., bear 5th year.

Dwarf: Space 10 ft., bear 3rd year.

Orange. Large yellow. Sept. Preserves.

NECTARINE (*Prunus*)

(Same as peach, but fuzzless.)

Surecrop. Large, round, white with red. Firm, tender pleasing. Vigorous.

APPLES (*Malus*) Zone III.

Standard: Space 25 ft., bear 7th year.

Dwarf: Space 12 ft., bear 3rd year.

SUMMER APPLES

Red Astrachan. (P) Large striped red. Young biennial bearer. Eating, cooking.

• **Early McIntosh.** (P — best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

Yellow Transparent. Golden, juicy. Young biennial bearer. Cooking.

✓ **Duchess Oldenberg.** (P) Extra hardy, large striped. Biennial. Eating, baking.

Standard Fruit Trees

You may use the low 10 rates if your assorted order totals 10 mixed fruit trees.

	PRICES
(1 to 9)	(10 to 49)
each	each
APPLES — 2-yr., 5 ft. 11/16 in.	\$1.95
CHERRIES — 2-yr., 5 ft. 11/16 in.	2.50
PEACHES — 1-yr., 4-5 ft. 9/16 in.	1.55
PEARS — 2-yr., 4-5 ft.	1.90
PLUMS — 2-yr., 4-5 ft.	1.90
APRICOT — 2-yr., 4-5 ft.	1.90
NECTARINE — 1-yr., 3-4 ft.	1.70
QUINCE — 2 yr., 4-5 ft.	2.20
	1.50

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on these pages by:

• —self-unfruitful. Do not plant by itself, but always with another variety of the same fruit.

(P)—good pollenizer.

WINTER APPLES

Baldwin. Large, red, hardy, good quality. Biennial bearer. Eating, cooking.

• **Cortland.** (P — best for McIntosh.) Larger, late keeping McIntosh. Annual bearer. Eating, cooking.

• **Delicious.** (P) Crimson. Crisp, tender, juicy. Annual bearer. Eating.

✓ **Golden Delicious.** Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.

Russet. Highest quality cider-apple. Spring eating, baking.

• **Northern Spy.** (P — for all but McIntosh.) Large red, striped, high flavor. Annual bearer. Eating, cooking.

• **Red Delicious.** (P) Solid red strain.

Rhode Island Greening. Large green-yellow. Annual. Eating.

Jonathan. (P) Small, but crisp, juicy, sprightly. Biennial. Eating.

Rome Beauty. (P) Heavy annual bearer. Striped, large. Eating, cooking.

• **Stayman Winesap.** Young annual bearer. Zone V or South. Crisp, winey, juicy. Baking, eating.

CRAB APPLES

Hyslop. Large, purplish red. Flesh yellow, pleasant. Biennial bearer.

Dolgo. Handsome flowering crab. Makes ruby red juice. Sept.

AUTUMN APPLES

Gravenstein. Large striped red. Good quality. Eating and cooking.

• **McIntosh.** (P) Striped; delicate, aromatic flesh. Young annual bearer. Eating, cooking, baking.

• **Red McIntosh.** (P) Solid red form.

Wealthy. (P) Striped red, wonderful flavor, juicy. Young annual bearer. Eating, cooking, baking.

New Hybrid Grapes

High quality grapes on far less vigorous (and less troublesome) vines.

No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year.

Most kinds bear about Concord time. Bacco, Florence, Angele are perhaps two weeks earlier. Siebel 14 and Jacques wolf, a week later.

North American grape vines yield an unpleasant foxy flavor, tough skin, coarse seeds, and other inferior qualities that make them undesirable either as table or wine grapes.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. However, it has not the stamina to withstand sub-zero weather and succumbs disastrously to diseases, while our hardy native grapes remain immune.

Breeders have produced varieties that combine the best qualities of both species to produce the ideal grape vine: namely, resiliency to our cold climate and diseases; absence of all foxiness, as with the old Concord. These Hybrid Grapes possess a pleasant sweetness and a certain native fruitiness, that makes them in many respects far superior to the California as either fine table or excellent wine grapes.

They lend themselves to Spur pruning. This quality simplifies the pruning and care of the vines and permits one to easily train them into permanent pleasing patterns. They can be grown even on a six foot pole, to produce from 10 to 30 pounds of luscious grapes. The clusters are of immense size, some of the varieties have as many as 150 big clusters the second year planted.



STURDY, WELL ROOTED VINES — Zone V.

2 Year No. 1 \$2.75 each postpaid

BACCO No. 1—Fine strong growing plant, excellent for trellises, dark red, medium size berries, good wine and table grape.

SEIBEL No. 1—Black, long clusters, tart, fine for wine and jelly.

SEIBEL No. 14—Enormous big clusters, shouldered cluster, big berries, good table and wine grape.

WESTCHESTER—Roseate white, long clusters, very sweet, finest for table and wine, very abundant bearer, absolutely free of foxiness.

MADELEINE—White Muscat, big berries, long clusters, finest of table grapes.

FLORENCE—Pink, loose cluster, big berries, extremely sweet, very prolific, fine table grape.

ANGELE—Black medium berries, loose cluster, very sweet, absolutely vinefera, finest table grape.

JACQUES WOLF—Black grape, big cluster, fine for wine and jelly. (*Aestivalis X St. Jacques*) Vinifera.

SEIBEL No. 5860—Good table and wine grape, white, good all around qualities.

MARGUERITE—Black grape, big cluster, good for table.

ELLEN SCOTT—Red, very sweet, fine table grape.

Spring Bulbs

DARWIN TULIPS

(May: 1½ to 3 ft. Lift every 2 years.)
The showiest tulips. Magnificently large blooms, strong vigorous stems.

Bartigon—Fine fiery red. Large.

Blue Amiable—Large heliotrope-blue.

City of Haarlem—Immense scarlet, blue base, white edge.

Clara Butt—Beautiful soft salmon rose. Most popular color in Darwins.

Farncombe Sanders—Famous large scarlet, clear white base.

Faust—Purple maroon, blue base.

Giant—Large, tall purple-violet with blue and white base.

Gloria Swanson—Carmine, with blue.

La Tulipe Noire—Very dark maroon, velvety. The "Black Tulip."

Niphotos—Cream outside, soft yellow low inside. Long flower. Outstanding.

Pride of Haarlem—Large, old rose.

Princess Elizabeth—Rose-lilac, edged rose. White base.

Victory (d'Oliviera)—Solid brilliant red with black and white center.

William Copeland—Old lavender favorite.

Yellow Giant—Large, tall, bright yellow with black base.

Zwanenburg—Large, tall. Pure white throughout except for black stamens.

DOUBLE EARLY TULIPS

Orange Nassau—Orange and scarlet.

Peach Blossom—Soft rosy pink.

Red Emperor Tulip. Huge red goblet that has caused such a sensation wherever seen this past spring. Very early, tall, enormously long petals, black base.

Bag of 25 (12 cm.) for.....\$4.00

for Fall Planting

Order Tulips Now!

Any tulip here listed is priced \$5.75 per bag of 50. Top size 12 centimeter bulbs. 50 of one kind minimum order. This figures out to the low price of 11½¢ ea.

COTTAGE TULIPS ("May-flowering")

Usually bloom in mid-May. Easier to grow, need not be lifted every few years. Tall, sturdy stems—the newer kinds as sturdy as Darwins and with large flowers.

Carrara—Purest white, ivory stamen.

Mazeppa—Extremely brilliant, rich red. White center.

Mrs. Scheepers—Stunning tall golden. Long petals. Outstanding.

World's Fair—Impressing large, tall, brilliant rose. Cream base.

Wall Street—Fine golden yellow.

Yellow Emperor—Metallic golden-yellow. Large bloom, strong stem.

10 EACH OF 5 BETTER, NEWER TULIPS
the bag of 50 . . . 11 cm. bulbs.....\$6.00

Blue Parrott—Gorgeous huge, frilled and lanced and splashed.

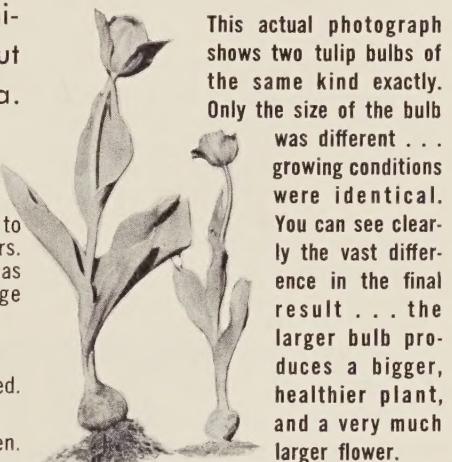
Red Emperor—Huge early blooms. Brightest red in the garden. Early.

Duke of Wellington—Pure White, even the anthers. (Darwin)

Golden Age—Deep gold, edged orange. One of the finest.

World's Fair—Brilliant rose, large imposing bloom. (Cottage)

HERE'S PROOF OF HOW YOU SAVE . . . when you buy top-size



This actual photograph shows two tulip bulbs of the same kind exactly. Only the size of the bulb was different . . . growing conditions were identical. You can see clearly the vast difference in the final result . . . the larger bulb produces a bigger, healthier plant, and a very much larger flower.

NARCISSUS

Trumpets

Dawson City—Golden yellow, large trumpet, flat perianth.

Emperor—Rich yellow trumpet, primrose perianth. Old favorite.

King Alfred—Bold golden trumpet. Sturdy. Deeply frilled. Popular.

Short Cups

Stolberg—Pure white cup on cream.

Carlton ("Nimrod")—Outstanding giant. Clear yellow, huge frilled cup, almost a trumpet.

Lady Diana Manners—Orange-red cup on creamy white perianth.

Nette O'Melveney—Tall white. Crown yellow, orange picotee edge.

Scarlet Elegance—Scarlet on yellow.

Bulbs for Naturalizing

It is not generally realized how many kinds of bulbs may be permanently planted—to last for decades if properly set out, giving a yearly show of bloom.

NATURALIZING NARCISSUS

Not all kinds do equally well when naturalized, and we have selected a special assortment for this purpose. All types represented, including daffodils.

(100) (1000)
Top size round bulbs..... \$8.00 \$70.00

MIXED TULIPS FOR MASSING

Sold only in bags of 100. Size of bulb 11-12 cm, the "first-size" of most bulb catalogs.

(100) (1000)
Darwin Tulips \$7.50 \$69.00

Cottage Tulips 7.00 65.00

CROCUS

(½ ft. April)—The Dutch Crocus—showiest of all early Spring flowers. PERMANENT when planted in sunny well-drained soil. 8 to 10 cm. bulbs.

(100) (1000)
Mixed colors \$5.50 \$50.00

Named colors 7.50 70.00

GALANTHUS SNOWDROPS

(¼ ft. White, March) Remain a lifetime in bloom.

(100) (1000)

Single \$6.00 \$54.00

Double 7.00 64.00

MUSCARI GRAPE HYACINTHS

(½ to 1 ft. April) The drifts of blue are immensely effective. Shade.

(100) (1000)

Armeniacum—Huge \$5.50 \$50.00

CHIONODOXA GLORY-OF-THE-SNOW

(¼ ft. March) Like blue Snowdrops. Permanent.

(100) (1000)

Lucilea—Clear blue..... \$5.50 \$50.00

SCILLA

(1 ft. April) Thrive in bare sandy places.

Spring Beauty— (100) (1000)

Blue, huge \$8.00 \$70.00

Campanulata—

White, Blue, Pink..... 5.50 50.00

A bag of 25 double-nose bulbs of any one kind below priced at \$3.75

Poetaz

Several flowers on each stem, tall, extra hardy, vigorous, fragrant.

Scarlet Gem—Primrose-yellow and deep orange. Good forcer.

L'Innocence—White perianth, large soft orange cup.

10 EACH OF 5 NEWER, BETTER NARCISSUS . . . the bag of 50 double-nose bulbs \$10.00

R. O. Backhouse—The pink daffodil.

Fortune—Copper red, huge.

Rembrandt—Big golden trumpet.

Geranium—Many, fragrant orange on white flowers.

Texas—Huge double yellow-red.





PERENNIALS that Prefer **FALL**

Some perennial plants seldom succeed with spring planting; others (like early spring wildflowers) take spring planting reluctantly—really do far better in fall. On these pages most kinds that ought to be fall planted are listed. (In addition most ordinary perennials will succeed in fall as well as in spring, and may be ordered from our spring 1952 Short Guide.)

MODERN BEARDED IRIS are exciting, bright, clean colors . . . are huge, with often several flowers to a stem. They are nothing at all like old-fashioned German Iris of even twelve or fifteen years ago. The best of the new ones as they come out sell for very high prices, but when available in quantity the price drops. Here are 24 such, still considered among the top quality, but which are now available at \$1. or less:

Azure Skies—Ruffled, lavender, blue, solid color. Low. \$.75

Berkeley Gold—Large solid yellow, clear color. Late. Well branched stem. \$.75

Blue Shimmer—Creamy white, edged and dappled blue. \$1.00

China Maid—Blended pink, bronze and lilac. Still good. \$.85

Deep Velvet—Black red-purple, a glowing color. \$.65

Great Lakes—Pure blue, lighter beard. Grand. \$.75

Gudrun—Several huge pure white blooms per stem. \$.50

Lady Mohr—Oyster white and chartreuse. Impressivé. \$1.00

Master Charles—Glowing mulberry purple. Brilliant. \$1.00

Mulberry Rose—Pinkish mulberry-brown. Unusual. \$1.00

Mohrson—Huge, veined violet. Very unusual, yet beautiful. \$.60

Ola Kala—Deep yellow, ruffled. Striking in landscape. \$1.00

Ormaco—Metallic violet-bronze, with true brown. Fine. \$.85

Ormohr—Immense blooms of silvery violet, veined violet. \$.50

Pink Ruffles—Pale and deep pink, nicely ruffled. \$.85

Pink Satin—Solid pink. Clean. \$.50

Prairie Sunset—A blend of bright sunset tones. \$1.00

Rosy Wings—Pinkish brown, orange beard. Fragrant. \$.50

Sable—Deepest blue black. Large, tall. Glowing color. \$1.00

Sharkskin—Very large, very white. Showiest. \$.85

Snow Flurry—Blue-white; icy and perfectly formed. \$1.00

The Red Douglas—Large, reddish, orange beard. \$.75

Tiffanja—Yellow cream, touched with tan. Very fine. \$1.00

Wabash—Still thought the finest iris. Violet and white. \$.65

Virginia Blue Bells

Mertensia Virginica—1 foot. Sheets of brilliant blue in early spring. Part shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Bloodroot

Sanguinaria canadensis—18-inch. Pink-white in April. Rich soil in shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Liverleaf Hepatica

Hepatica triloba—6 inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 3 for \$1.25; 6 for \$2.00 postpaid.

Trillium

Favorite lily-like natives, for shady woods. Flowers must not be picked. Any one kind 6 for \$1.25 postpaid. (\$20 per 100 express not paid.)

Trillium grandiflorum—Large white flowers in May, turn pink as they age.

Trillium undulatum (Painted Trillium)—Large scarlet and white flowers.

Dog Tooth Violet

Dicentra spectabilis. Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or better in fall. 3 for \$1.65, 6 for \$2.75.

Oriental Poppies

Bloom May-June, tolerant, any good soil. Water well. Plant Aug.-Sept. 85¢ each (ppd.). Any 6 for \$3.75

Beauty of Livermore—Dark, crimson.

Curtis Giant—Flesh-pink, tinted lavender. Often over 9-inch diameter.

Henry Cayeux Improved—Ashes of roses. Very large flowers.

Indian Chief—The best dark red. New. Vigorous, free blooming.

Olympia—Very early, double. Flame scarlet shaded salmon.

Mrs. Perry—Solid salmon pink.

Perry's White—Large white, maroon center.

Jack-in-the-Pulpit

Arisaema triphyllum—8 inch. Maroon in May. Humus, light shade, moist. 6 for \$1.50; 20 for \$2.25 postpaid.

Lady Slippers

Orchids, hardy outdoors in moist, peaty shade. Bloom in May. 3 of one kind \$1.75; 6 for \$3.00 postpaid. (3 each both kinds \$3.25 postpaid.)

Cypripedium pubescens—Yellow Lady Slipper. Bright color.

Cypripedium spectabile—Showy Lady Slipper. Rosy pink, white sepals.

The New DAY LILIES (Hemerocallis)



All gay, clean colors — not one of the old-fashioned "browns" are included. Here are the best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These new kinds are sensationally handsomer than old-fashioned day-lilies: larger, brighter, showier.

MAGIC LILY (LYCORIS)

This bulb (*Lycoris squamigera*) in Spring makes attractive leaves. They die down and a month later as if by magic a tall stalk of 10 fragrant lilies thrusts up—lilac-pink, shaded blue. Hardy, remains year after year. 2 for \$2.25 postpaid.

4 months of bloom	3 Creams (All 3 for \$4.75)	3 Clear Yellows (All 3 for \$4.35)	3 Clear Orange (All 3 for \$2.95)	3 Good Pinks (All 3 for \$4.75)	3 Purple-reds (All 3 for \$5.75)
Early (May-June)	On Tour—Very pale yellow, a "must have". 3½ ft. \$3.00	Earliana — Very fine early gold..... \$1.25	Queen Gonzales — Solid orange, large..... \$1.35	Baby Tears — Rosy-red ruffled. Profuse, early. \$1.40	Purple Waters — Wine-purple. Very vigorous. \$2.10
Midseason (July)	Patricia — Creamy yellow, green throat. Fragrant. \$1.10	Hyperion—The finest of all. Rich, waxy, tall. \$.75	Dauntless—Pale orange, overlap petals..... \$.85	Symphony—pastel rose, yellow, striped red. \$1.35	Port — Port wine on well-branched stems. \$1.75
Late (August)	High Boy — Very pale. 5 ft. high..... \$.75	Autumn Prince—Blooms to frost. Splendid. \$2.00	August Pioneer — Yellow, flushed red.... \$.85	Rosalind (fulva rosea) pinkest of all..... \$2.25	Persian Princess — Velvet-red, purple.... \$2.10

PEONIES

TREE PEONIES

\$5.50 each

Rare and of great beauty, they bloom earlier than ordinary Peonies and are of immense size. These plants, in 5 inch pots, can be moved safely at any time.



We offer 15 double Peonies — which achieve about all the effects of a thousand named kinds. Each is high-rated by Amer. Peony Soc. (average 9.0; 10.0 would be perfect). Good 3-5 eye divisions. If set in deep, manured bed in sun will last for a generation without any attention. Plant late Aug. to Oct.

6 weeks of bloom	5 Whites (All 5 for \$8.00)	5 Pinks (All 5 for \$7.75)	5 Reds (All 5 for \$8.75)
Mid-May	Le Cygne (9.9) Highest rated. Charming. \$3.25	Edulis Superba (7.6) Dark pink..... \$1.25	Rubra plena (8.6) Rich red. \$1.25
Late May	Mme. deVerneville (7.9) Blush white..... \$1.25	Mons. Jules Elie (9.2) Huge light rose..... \$1.25	Longfellow (9.0) Bright crimson, gild center. \$1.50
Early June	Festiva Maxima (9.3) Large white, red spots. \$1.25	Aug. Dessert (8.7) Profuse rosy red, silver tip. \$1.50	Philippe Rivoire (9.2) Very dark, rich crimson. Fragrant. \$3.00
Mid-June	Primavere (8.5) Yellow center on white. \$1.50	Therese (9.8) Pale old rose pink. Best pink. \$2.50	Fuyajo (9.2) Dark crimson, rose and cream center. \$2.00
Late June	Couronne d'Or (8.1) Milk-white, few red spots. \$1.25	Sarah Bernhardt (9.0) Dark rose-pink.... \$1.50	Felix Crousse (8.4) Brilliant, silky crimson. Lasting. \$1.25

Archiduc Ludovico. Enormous flower, flesh pink.

Athlete. Double glazed mauve, shaded rose.

Baroness d'Ales. Vivid salmon-pink, deeper in center.

Jules Pirlot. Satiny-pink, flushed carmine.

Reine Elizabeth. Brilliant salmon-rose.

Souv. de Ducher. Reddish-violet with silvery reflex.



Brownell Sub-Zero Roses

All types, except as noted.
3 for \$5.00; \$18.00 per doz.

**\$1.75
each**

Add 10%
for
postage

4 Brownell Floribundas

Everblooming, hardy, bushy clumps.

Tompkins Red. Semi-double, velvet red all summer.

Anne Vanderbilt. Exquisite coppery orange, informal, double, brilliant, fragrant. All summer.

Sparkling orange and yellow, semi-double clusters.

Nearly Wild. Larger than most wild roses, single pink flowers in clusters. Gives beautiful color all summer.

4 Brownell Creepers

For ground cover, on walls, on fences.

Coral Creeper. All the shades of ocean coral complementing other delightful rose tints. (June).

Little Compton Creeper. Deep rose-pink. Single flowers in clusters.

Creeping Everbloom. Light crimson. The first all-summer creeper.

Magic Carpet. Large, double blooms, yellow and orange tones.

The result of long research, these roses have unusual hardiness, and improve with age, rather than slowly deteriorating like other roses.

HARDINESS: Zone IV, but roots survive still colder climates. Even if tops are damaged, new growth will bloom by rose time. Tops protected by hilling or burlap seldom kill back. Any plant that fails to bloom in 2 years will be replaced free.

★ NO MORE BLACK SPOT!

Absolute resistance to this dread disease has been bred into five of these roses:

Pink Princess - **Dolly Darling** - **Orange Ruffels**
Red Duchess - **Lafter**

One each — 5 Kinds Available

\$9.00 postpaid

The only five such roses in existence. More coming.

5 Brownell Climbers

Vigorous, extra hardy, vivid. Note two ever-blooming.

Elegance. Very large, perfect bloom. White with shaded yellow center. Grand show.

Golden Climber (Mrs. A. C. James). Best yellow climber. Fragrant. Ideal for cutting.

Copper Glow. Deep coppery orange. Delightful spicy fragrance. Sensational color.

EVERBLOOMING CLIMBERS

(Specially priced at \$2.00 each.)

Climbing Break O'Day. Vigorous, everblooming apricot.

Orange Everglow. Constant copper-orange blooms. Fragrant, vigorous.

Best Brownell Hybrid Teas

Shades of Autumn. Showy red and yellow beauty.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation. Blooms all summer.

V for Victory. Large, double, yellow, fragrant, profuse.

Velvetier. Velvety, deep, dark red. Sometimes in clusters.

Lily Pons. Cream, large. Vigorous, free bloomer.

Curly Pink. Clusters of large two-toned pink all summer. Vigor, health, and constancy. New.

★ **Orange Ruffels.** Sensational new color in roses. Glowing, soft luminous. Very steady bloomer all summer. Large flowers.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Grand new rose. Brilliant, attractive, free to flower. This fine new red has attracted instant friends wherever seen in the past year. All the color and size you could want but extra hardy!

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health. New.

Queen o' the Lakes. Sensational large crimson. New.

Tip Toes. Spicy fragrance. Orange and pink blend. New.

